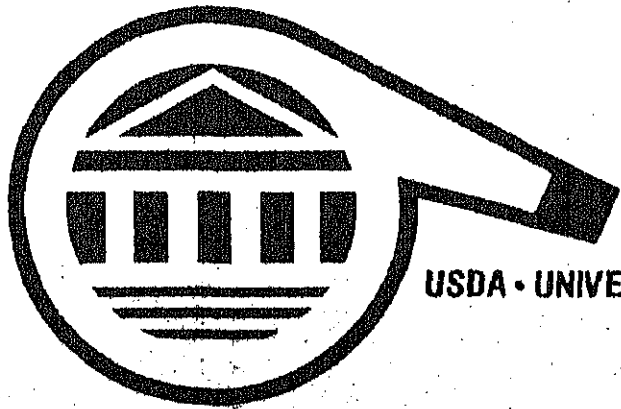


AGRICULTURE RESEARCH FY 1966

SCIENCE AND EDUCATION
IN AGRICULTURE



USDA • UNIVERSITY OF CALIFORNIA

VOLUME
TABLE II, III AND

INVENTORY OF AGRICULTURAL RESEARCH

Volume II (Tables II, III, IV)

Funding and scientist year data for USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions - by Commodity or Resource and by the Research Problem Area.

FISCAL YEAR 1977

This report was compiled from data supplied to the Current Research Information System (CRIS) by USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions

Issued by

Technical Information Systems
Science and Education Administration

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Summary for Commodity or Resource, and Research Problem Area

National Total USDA, SAES, Forestry Schools, Other

Cooperating Institutions	1 3
National Total USDA and SAES	4 6
National Total USDA Research Agencies	7 9
Agricultural Research Service (ARS)	10 11
Cooperative State Research Service (CSRS)	12 14
Economic Research Service (ERS)	14
Farmer Cooperative Service (FCS)	15
Forest Service (FS)	16
National Total SAES, Forestry Schools, Other	
Cooperating Institutions	17-19
National Total SAES, Forestry Schools, Other	
Cooperating Institutions	
Region 1 (Northeastern)	20 22
Region 2 (Southern)	23 25
Region 3 (North Central)	26 28
Region 4 (Western)	29 31
National Total State Agricultural Experiment Stations (SAES).....	32-34

Station Totals SAES (Table 11-B only)

Alabama, Alaska	35
Arizona, Arkansas	36
California	37
Colorado, Connecticut (New Haven)	38
Connecticut (Storrs), Delaware, District of Columbia, Florida	39
Georgia, Guam	40
Hawaii, Idaho	41
Illinois	42
Indiana	43
Iowa	44
	45

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North Carolina, North Dakota	55
Ohio, Oklahoma	56
Oregon, Pennsylvania	57
Puerto Rico, Rhode Island	58
South Carolina, South Dakota	59
Tennessee	60
Texas, Utah	61
Vermont, Virgin Islands	62
Virginia, Washington	63
West Virginia, Wisconsin	64
Wyoming	65
Forestry Schools - Total	66
Forestry Schools (Table II-B only)	
Fairbanks, Flagstaff, Arcata, Carbondale	67
Ft. Collins, Moscow, Ruston, Ann Arbor	68
Houghton, Missoula, Syracuse, Corvallis	69
Clemson, Nacogdoches, Burlington, Seattle	70
Other Cooperating Institutions - Total	71-72
Other Cooperating Institutions (Table II-B only)	
Tuskegee, Normal, Pine Bluff, Boulder, Dover	73
Tallahassee, Fort Valley, Frankfort, Baton Rouge	74
Princess Ann, Lorman, Jefferson City, Greensboro	75
Yonkers, NY, Langston, Kennett Square, Orangeburg	76
Nashville, Prairie View, Petersburg, Provo	77

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National Total USDA Research Agencies	78
Regional Total SAES, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeastern)	79
Region 2 (Southern)	79
Region 3 (North Central)	80
Region 4 (Western)	80

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National Total USDA Research Agencies	81-83
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*Summary Data by Method of Expenditure and Source for
Fiscal Year for USDA Agencies*

National Total USDA Research Agencies

TABLES IV-B and IV-D

*Data on Funds by Source for Fiscal Year for Commodity or
Resource and Research Problem Areas for State Agricultural
Experiment Stations, Forestry Schools, and Other Cooperating
Institutions*

National Total SAES, Forestry Schools, Other Cooperating
Institutions

Regional Total SAES, Forestry Schools, Other Cooperating
Institutions

Region 1 (Northeastern)

Region 2 (Southern)

Region 3 (North Central)

Region 4 (Western)

National Total State Agricultural Experiment
Stations (SAES)

National Total Forestry Schools

National Total Other Cooperating Institutions

TABLE IV-E

*Summary Data by Source for Fiscal Year for State Agricultural
Experiment Stations, Forestry Schools, and Other Cooperating
Institutions*

Regional Total Saes, Forestry Schools, Other Cooperating
Institutions

Region 1 (Northeastern)

Region 2 (Southern)

Region 3 (North Central)

Region 4 (Western)

I N T R O D U C T I O N

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966, on research conducted by the USDA, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study. A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA Research Agencies on Forms AD-416, AD-417, and AD-418, and by State Agricultural Experiment Stations and other Institutions on Forms AD-416, AD-417, and AD-419. (See Table of Contents)

The Inventory is composed of five tables published in three volumes. Volume I (Tables I-A and I-B) reports scientist years and amount of funds by each performing organization, by designated Research Problem Area (RPA) and Commodity; I-B Tables show total research for each Research Problem Area.

Volume II includes Tables in the II, III, and IV series. Tables in the II series show scientist years and funds for State Agricultural Experiment Stations, Forestry Schools, Other Cooperating Institutions, and USDA agencies. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for State Agricultural Experiment Stations and other non-Federal institutions by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the Long-Range Study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the Long-Range Study. The II-E, III-E, and IV-E Tables provide summaries of funds and scientist years by agency or station.

Table V in Volume III shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (Agricultural or Forestry), commodity, and Research Problem Area (RPA) classification.

Funds appearing in Volumes I and II are gross figures. This means the funds not allocated to specific research projects but considered to be an integral part of the cost of doing research are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects varies among the Stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972 Tables III and IV in Volume II reflected net funds.

Research Work Unit/Project Classification Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research" available from the Current Research Information System, Technical Information Systems, Science and Education Administration, U.S. Department of Agriculture.

Classification on individual Research Work Unit/Projects are provided Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

"Activity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton)
"Field of Science" - 0612 (Entomology), "Problem Area" - 207
(Insect pests of Field Crops) - 100Z

Some inputs (projects) could not be classified on a single classification "line." For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input for three-fourths of the emphasis was on disease resistance and one-fourth on yield, the lines would be:

"Activity" - 4600 (Disease control), "Commodity" - 1400 (Corn)
"Field of Science" - 0512 (Genetics), "Problem Area" - 208
(Control of disease of field crops) - 75Z

"Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn).
"Field of Science" - 0512 (Genetics), "Problem Area" - 307
(Improvement of biological efficiency of field crops) - 25Z

In the Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of field crops" and 25%

TABLE II

Column 1 includes abbreviations for the Commodity and Problem Area Classifications. See the Manual of Classification of Agricultural and Forestry Research, Revision III, January 1978, for a more detailed description of the Commodity and Problem Area classification.

"NO OF PROJ" column 2, gives the number of projects in a particular classification category. Projects with more than one line of classification (as explained in the last two paragraphs on page vi) may be tabulated in more than one category.

"SCIENTIST YEARS" column 3, includes for SAES, Forestry Schools, and Other Cooperating Institutions all research workers with a rank of Assistant Professor or above. It excludes graduate assistants and research administrators. For staff members engaged in research and teaching (or other non-research activities), only the full-time equivalent of the portion of time devoted to research is included. A count of the different individuals engaged in the program would be greater than the scientist-years reported. For USDA agencies, scientist-year include research workers whose rating is GS-11 or above. It does not include those with GS-7 or GS-9 ratings or those engaged in research administration. Scientists who start work after October of the Fiscal Year, or whose employment is terminated before September 30, are reported for only that portion of the year which represents actual employment.

"REG FED APPR (CSRS ADMSTRD)" column 4, means Regular Federal Appropriations (including those administered by the Cooperative State Research Service). For USDA research agencies, including CSRS in the case of Special Grants, the amounts reported are the sums of the amount in Fields 101, 104, 105, 106 and 107 of Form AD-418 plus the amount in Field 19 of Form AD-416 for grants and contracts in the year of obligation. The second portion of this heading, "CSRS ADMSTRD," applies only to Federal funds made available by CSRS to SAES, Forestry School and Other Cooperating Institutions. For these institutions, the amounts reported are the sums of the amounts in Fields 201, 202, 203 and 205 of Form AD-419.

"TOTAL FUNDS" column 5, includes for USDA all funds under "REG FED APPR" plus "Other Federal Research Funds" as reported on Form AD-418 (excepting AID funds and PL-480 funds) plus "Non-Federal Research Funds" as reported on Form AD-418. For SAES, Forestry Schools, and Other Cooperating Institutions "TOTAL FUNDS" includes "REG FED APPR" plus "Other Federal Research Funds" excepting AID funds) as reported

"USDA CON GR CA WITH SAES," columns 6 and 7, refer to contracts, grants and cooperative agreements under which the USDA uses Federally appropriated funds to State Agricultural Experiment Stations, Forestry Schools and Other Cooperating Institutions for the performance of specific research tasks. They include CSRS "Special Grants" but not grants from other CSRS administered funds. Scientist-years and fund data reported in these columns are also included in columns 3 through 5. State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions report expenditures of these funds in Fields 204 and 219 of Form AD-416. Scientist-years supported by these funds are not reported separately for SAES, et al. in column 6 but are included in column 3. USDA agencies treat each contract, grant, or cooperative agreement with a State station as a separate work unit or project. The amounts included in column 7 for USDA are reported in Field 19 of Form AD-416. This field shows the expenditure of scientist-years to be "purchases," usually over a multi-year period, with the funds reported as obligated.

In the National Summary for USDA, SAES, Forestry Schools, and Other Cooperating Institutions, all data have been adjusted to eliminate double counting of the scientists and funds involved in USDA Contracts, Grants, and Cooperative Agreements with the SAES, et al. This is done for scientist years by adding USDA amounts in column 3 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 7. This is done for funds by adding USDA amounts in column 5 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 7.

TABLE III

Table III summarizes data supplied by USDA research agencies on Forms AD-416 and AD-417 and AD-418.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 141 of Form AD-418 and Field 95 of Form AD-416 in the case of Contracts, Grants, and Cooperative Agreements with SAES).

Columns 4, 5 and 6 "STAFF-I.H. SUPPORT YEARS" give the Federally employed (In-House) staff support for research in years of effort for these categories of support personnel, i.e. Professional, Technical and Other (Fields 142, 143 and 144 of Form AD-418). For ARS, entries in the column entitled "Other" represent a summation of Fields 142, 143 and 144.

Column 7, "REG IN HOUSE" includes regular appropriations used for in-house research (Field 101 of Form AD-418).

Column 8, "C G CA SAES" includes funds obligated during the year from regular appropriations in contracts, grants, and cooperative agreements with State Experiment Stations (Field 19 of Form AD-416).

Column 9, "OTHER CN GT" includes funds obligated during the year from regular appropriations in contracts and grants with research organizations other than those included in Column 8 (Field 19 of Form AD-416).

Columns 10 and 11, "SP FD 015" and "SP FD 010" include obligations for subprofessional help on research programs based on two special funds available to the Agricultural Research Service. (See Fields 104 and 105 of Form AD-418).

Column 12, "WHITT ACT" includes funds received by the Forest Service under provisions of the Whitten Act (Field 106 of Form AD-418).

Column 13, "OTHER USDA" includes any other USDA funds appropriated for research which are not identified with Fields 101 to 106, inclusive, of Form AD-418 (Reported in Field 107 of Form AD-418).

Column 14, "TOTAL USDA APPR" is a total of the amounts reported in columns 7, 8, 9, 10, 11, 12 and 13.

Column 15, "OTHER FED FUND" includes all funds from Federal sources other than USDA research appropriations, excepting funds transferred from the Agency for International Development (AID funds) and PI-480 funds (Fields 310-316), inclusive and Field 318 of Form AD-418.

Column 16, "NON-FED FUND" includes all funds made available to the Department of research by non-Federal agencies (Field 133 of Form AD-418).

Column 17, "TOTAL" is a summation of all funds reported in columns 14, 15 and 16.

TABLE IV

Table IV summarizes data supplied by the 55 State Agricultural Experiment Stations, 15 Forestry Schools, and 19 Other Cooperating Institutions on Forms AD-417 and AD-419.

Included in the summaries for the Southern Region are the research programs of all SAES, cooperating Forestry Schools, and Other Cooperating Institutions in: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, Virginia, and the Virgin Islands.

Included in the summaries for the North Central Region are the research programs of all SAES, cooperating Forestry Schools, and Other Cooperating Institutions in: Alaska, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

Included in the summaries for the Western Region are the research programs of all SAES, cooperating Forestry Schools, and other Cooperating Institutions in: Arizona, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 241 of Form AD-419).

Columns 4, 5 and 6, "STAFF SUPPORT YEARS" give the non-Federally employed staff support for research in years of effort for three categories of support personnel, i.e. Professional, Technical and Other (Fields 242, 243 and 244 of Form AD-419).

Columns 7 - 19, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS" involve rounding each datum to the nearest \$1,000 and, because of this items in a column may not add exactly to the total shown.

Column 7, "HATH" includes obligations of formula grant funds received by SAES from Federal appropriations made under provisions of the Hatch Act (Field 201 of Form AD-419).

Column 8, "RRF" includes obligations of regional research funds received by SAES from Hatch Act appropriations (Field 202 of Form AD-419).

"STEN" includes obligations of funds received by SAES schools under provisions of the McIntire-Stennis Act (Form AD-419).

11, "OTH CSRS" includes obligations of funds received by SAES, County Schools, and Other Cooperating Institutions from any sources other than Hatch, RRF, McIntire-Stennis, or basic research grant appropriations (Field 205 of Form AD-419).

12, "TOT CSRS" includes obligations of funds received by SAES from Federal appropriations made to CSRS. It is a total of the amounts reported in columns 7, 8, 9, 10 and 11.

13, "USDA CGCA" includes obligations of funds received by SAES from contracts, grants, and cooperative agreements with the research performing agencies of the USDA. This includes funds received from CSRS Special Grant (Field 219 of Form AD-419).

14, "OTHER FED" includes obligations of funds received by SAES from contracts, grants, and cooperative agreements with Federal agencies other than the USDA Field 332 minus Fields 219 and 308 of Form AD-419).

15, "STATE APPRO" includes obligations of funds received by SAES et al. from State appropriations (Field 220 of Form AD-419).

16, "PROD SALES" includes obligations of funds received by SAES et al. from sales of products (Field 221 of Form AD-419).

17, "INDUSTRY" includes obligations of funds received by SAES from industry that were expended in support of research projects (Field 222 of Form AD-419).

18, "OTHER" includes obligations of funds received by SAES, from any other non-Federal sources (Field 223 of Form AD-419).

19, "TOTAL" includes all obligations of SAES et al. in support of research projects. It is a total of columns 12, 13, 14, 15, 16, 17 and 18.

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UNITED STATES GOVERNMENT
DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
UNIT PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER

ACCESSION NO. _____

PROJECT IDENTIFICATION NO. _____

DATE JAN 1961

UNIT PROJECT AT LOCATION

APPROPRIATIONS

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CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RES

Commodity, Resource or Technology not Associated with Specific Commodities

Commodities or Resources

0100	Soil and land
0200	Water
0300	Watersheds and river basins
0400	Air and climate
0500	Recreation resources
0600	Trees, forests, and forest products (excluding edible nut crops (See 1015), and tung (See 2560))
0700	Range
0800	Fish, shellfish, game and fur-bearing animals and ot wildlife and their habitats
0900	Citrus and subtropical fruit
1000	Deciduous and small fruits and edible tree nuts
1100	Potatoes
1200	Vegetables
1300	Ornamentals and turf
1400	Corn (includes Popcorn) - (For Sweetcorn see 1280)
1500	Grain sorghum
1600	Rice
1700	Wheat
1800	Other small grains
1900	Pasture
2000	Forage crops
2100	Cotton (including cottonseed for planting purposes)
2200	Cottonseed (for meal, oil, etc.)
2300	Soybeans
2400	Peanuts
2500	Other oilseed and oil crops (excluding cottonseed)
2600	Tobacco
2700	Sugar crops
2800	Miscellaneous and new crops
2900	Poultry
3000	Beef cattle
3100	Dairy cattle
3200	Swine
3300	Sheep and wool
3400	Other animals (See 0850 for fur-bearing animals)
3500	Bees and honey and other pollinating insects

Commodities or Resources

- 4000 People as individual workers, consumers and members of society
- 4100 The family and its members
- 4200 The farm as a business enterprise
- 4300 Communities, areas and regions, including counties and States and their institutions
- 4400 Agricultural economy of United States and sectors thereof, including interrelationships with the total economy
- 4500 Agricultural economy of foreign countries and sectors thereof, including interrelationships with the total economy
- 4600 Farmer cooperatives
- 4700 Marketing, processing and supply firms other than cooperatives
- 4800 Marketing systems and sectors thereof
- 6100 Weeds
- 6200 Seed research
- 6300 Biological cell systems
- 6400 Experimental design and statistical methods
- 6500 Invertebrates (including insects, mites, ticks, snails, slugs, and leaches)
- 6600 Microorganisms, viruses, etc.
- 6700 Plants
- 6800 Animals (vertebrates)
- 6900 Research on research management (not research management per se)
- 7000 Research equipment and technology (such as remote sensing)

RESEARCH PROBLEM AREAS (RPA's)

GOAL 1: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

- 101 Appraisal of Soil Resources
- 102 Soil, Plant, Water, Nutrient Relationships
- 103 Management of Saline and Sodic Soils and Salinity
- 104 Alternative Uses of Land
- 105 Conservation and Efficient Use of Water

- 106 Efficient Drainage and Irrigation Systems and Facilities
- 107 Watershed Protection and Management
- 108 Economic and Legal Problems in Management of Water and Watersheds
- 109 Adaptation to Weather and Weather Modification
- 110 Appraisal of Forest and Range Resources

- 111 Biology, Culture and Management of Forests and Timber-Related Crops
- 112 Improvement of Range Resources
- 113 Remote Sensing
- 114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

- 201 Control of Insects Affecting Forests
- 202 Control of Diseases, Parasites and Nematodes Affecting Forests
- 203 Prevention and Control of Forest and Range Fires
- 204 Control of Insects, Mites, Slugs, and Snails on Fruit and Vegetable Crops
- 205 Control of Diseases and Nematodes of Fruit and Vegetable Crops

- 206 Control of Weeds and Other Hazards to Fruit and Vegetable Crops
- 207 Control of Insects, Mites, Snails, and Slugs Affecting Field Crops and Range
- 208 Control of Diseases and Nematodes of Field Crops and Range
- 209 Control of Weeds and Other Hazards of Field Crops and Range
- 210 Control of Insects and External Parasites Affecting Livestock, Poultry, and Other Animals

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS,
DISEASES AND OTHER HAZARDS (Continued)

- 211 Control of Diseases of Livestock, Poultry and Other Animals
- 212 Control of Internal Parasites of Livestock, Poultry, and Other Animals
- 213 Protect Livestock, Poultry and Other Animals from Toxic Chemicals, Poisonous Plants, and Other Hazards
- 214 Protection of Plants, Animals, and Man from Harmful Effects of Pollution

GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST
PRODUCTS AT DECREASING REAL PRODUCTION COSTS

- 301 Genetics and Breeding of Forest Trees
- 302 New and Improved Forest Engineering Systems
- 303 Economics of Timber Production
- 304 Improvement of Biological Efficiency of Fruit and Vegetable Crops
- 305 Mechanization of Fruit and Vegetable Crop Production
- 306 Production of Fruit and Vegetable Crop Production
- 307 Improvement of Biological Efficiency of Field Crops
- 308 Mechanization of Production of Field Crops
- 309 Production Management Systems for Field Crops
- 310 Reproductive Performance of Livestock, Poultry and Other Animals
- 311 Improvement of Biological Efficiency in Production of Livestock, Poultry and Other Animals
- 312 Environmental Stress in Production of Livestock, Poultry and Other Animals
- 313 Production Management Systems for Livestock, Poultry and Other Animals
- 314 Bees and Other Pollinating Insects
- 315 Improvement of Structures, Facilities and General Purpose Farm Supplies and Equipment
- 316 Farm Business Management
- 317 Mechanization and Structures Used in Production of Livestock, Poultry and Other Animals
- 318 Non-Commodity-Oriented Biological Technology and Biometry

GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY
DEVELOPING NEW AND IMPROVED PRODUCTS AND PROCESSES
AND ENHANCING PRODUCT QUALITY

- 401 New and Improved Forest Products
- 402 Production of Fruit and Vegetable Crops with Improved Acceptability
- 403 New and Improved Fruit and Vegetable Products and Byproducts
- 404 Quality Maintenance in Storing and Marketing Fruits and Vegetables
- 405 Production of Field Crops with Improved Acceptability
- 406 New and Improved Food Products from Field Crops
- 407 New and Improved Feed, Textile, and Industrial Products from Field Crops
- 408 Quality Maintenance in Storing and Marketing Field Crops
- 409 Production of Animal Products with Improved Acceptability
- 410 New and Improved Meat, Milk, Eggs, and Other Animal Products
- 411 New and Improved Non-Food Animal Products
- 412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

- 501 Improvement of Grades and Standard - Crop and Animal Products
- 502 Development of Markets and Efficient Marketing of Timber and Related Products
- 503 Efficiency in Marketing Agricultural Products and Processing Inputs *
- 506 Supply, Demand and Price Analysis - Crop and Animal Products
- 507 Competitive Interrelationships in Agriculture
- 508 Development of Domestic Markets for Farm Products
- 509 Performance of Marketing Systems
- 510 Group Action and Market Power
- 511 Improvement in Agricultural Statistics
- 512 Improvement of Grades and Standard of Forest Products
- 513 Supply, Demand and Price Analysis - Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

- 601 Foreign Market Development
- 602 Evaluation of Foreign Food Aid Programs

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND
WELL-BEING OF THE AMERICAN PEOPLE

- 701 Insure Food Products Free of Toxic Residues from Agricultural Sources
- 702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
- 703 Food Choices, Habits, and Consumption
- 704 Home and Commercial Food Service
- 705 Selection and Care of Clothing and Household Textiles
- 706 Control of Insect Pests of Man and His Belongings
- 707 Prevent Transmission of Animal Diseases and Parasites to Man
- 708 Human Nutrition
- 709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

- 801 Housing
- 802 Individual and Family Decision Making and Resource Use and Family Functioning
- 803 Causes of Poverty Among Rural People
- 804 Improvement of Economic Potential of Rural People
- 805 Communication and Education Processes
- 806 Individual and Family Adjustment to Change
- 807 Structural Changes in Agriculture
- 808 Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF
BEAUTY, RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY,
AND PUBLIC SERVICES

- 901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes
- 902 Outdoor Recreation
- 903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs
- 904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife
- 905 Trees to Enhance Rural and Urban
- 906 Culture and Protection of Ornamental
- 907 Improved Income Opportunities :
- 908 Improvement of Rural Community

CLASSIFICATION CATEGORY	NO OF PAGE	SCIENTIST YEARS 1977	REG PEG APPH/ CPRS ADMSTRD (GROSS) 1977	TOTAL PUMPS (GROSS) 1977	USDA C/C/GT/ SYS 1977
3103 SOIL AND LAND	1378	541.2	19,773,167	47,329,239	*
3203 WATER	930	353.0	15,156,315	32,113,914	*
0100 WATERSHEDS RIVER BAS	251	206.4	16,919,423	22,421,203	*
3603 AIR AND CLIMATE	162	63.7	2,096,776	6,711,136	*
0500 RECREATION RESOURCES	214	74.6	4,558,616	6,819,799	*
0600 TIMBER FOREST PRODUCT	1527	1191.4	74,581,036	105,559,373	*
0700 RANGE	345	143.7	8,055,736	13,863,262	*
0800 WILDLIFE AND FISH	689	246.7	6,775,965	21,976,743	*
0900 CITRUS SUB TROP FRUIT	374	213.6	9,272,090	19,123,742	*
1000 PEUIT NUTS DECIDUOUS	1177	493.3	16,551,620	40,751,502	*
1100 POTATOES	366	140.9	5,536,477	11,144,241	*
1200 VEGETABLES	1515	575.3	17,622,326	44,395,302	*
1300 ORNAMENTALS TURF	640	240.7	6,797,115	19,469,307	*
1400 CORN	972	301.6	12,368,754	24,852,484	*
1500 GRAIN SOYBEAN	431	82.6	2,722,434	6,155,677	*
1600 WICE	174	66.6	2,352,026	5,246,554	*
1700 WHEAT	781	268.1	11,793,200	21,291,876	*
1607 OTHER SMALL GRAINS	504	121.4	5,059,391	10,505,661	*
1800 PASTURE	135	46.5	1,385,380	4,409,458	*
2000 FORAGE CROPS	100.1	343.5	12,113,359	28,512,233	*
2100 COTTON	605	403.4	24,726,113	35,846,601	*
2200 COTTONSEED	53	33.6	2,336,554	2,541,839	*
2300 SOYBEANS	953	374.2	13,912,215	26,955,617	*
2400 PEANUTS	228	90.0	3,770,172	7,285,109	*
2500 OTHER OILSEED CROPS	119	35.1	1,769,657	3,027,574	*
2600 TOMACCO	228	113.7	5,821,510	10,556,445	*
2700 SUGAR CROPS	245	110.1	6,143,604	9,827,157	*
2800 MISC NEW CROPS	155	66.1	2,928,616	5,598,719	*
2903 POULTRY	884	352.2	16,615,077	35,905,311	*
3000 BEEF CATTLE	1443	588.5	32,117,213	77,981,909	*
3103 DAIRY CATTLE	1242	462.6	24,678,221	53,638,835	*
3200 SWINE	709	217.8	15,016,463	31,704,647	*
3300 SHEEP AND WOOL	455	135.4	9,435,818	16,038,414	*
3400 OTHER ANIMALS	424	123.7	3,633,897	11,163,596	*
3500 BEES AND HONEY	72	49.9	2,778,936	3,597,069	*
3600 PAPER SUPP & FACILITIES	120	57.0	2,162,393	3,766,117	*
3700 CLOTHING & TEXTILES	71	22.0	575,851	1,137,689	*
3800 FOOD	593	119.9	16,111,734	28,593,896	*
3900 HOUSING & EQUIP	261	43.7	3,303,110	8,955,956	*
4000 PEOPLE AS INDIVIDUAL	910	256.7	12,628,465	22,610,435	*
4100 FAMILY MEMBERS	244	63.2	3,626,002	4,376,557	*
4203 FARM AS BUSINESS	184	80.4	3,213,604	5,345,114	*
4303 SOC POLIT ORGANIZ	492	160.4	5,386,708	10,262,874	*
4400 AGRIC ECONOMY U S	116	67.3	4,174,336	5,905,939	*
4500 AGRIC ECONOMY FOREIGN	49	91.6	3,966,378	4,936,400	*
4600 FARM COOPERATIVES	31	28.6	1,170,264	1,545,262	*
4700 GTM MARKET PROCESS	49	33.7	384,087	860,265	*
4803 MARKETING SYSTEMS	113	48.3	2,239,289	3,051,213	*
4900 WEEDS	85	26.0	1,608,151	2,163,971	*
6200 SEED RESEARCH	37	15.2	625,369	1,473,355	*
6300 BIO CELL SYSTEMS	222	37.6	1,174,640	7,807,537	*
6403 EXP DESIGN/STAT METH	64	39.3	541,861	2,293,934	*
6500 INVERTEBRATES	309	222.0	10,279,971	18,111,720	*
6600 MICROORGANISMS, VIRUS	261	96.1	2,103,037	8,759,823	*
6700 PLANTS	805	377.3	18,553,527	32,995,451	*
6800 ANIMALS (VERTEBRATES)	346	130.1	2,808,471	12,788,477	*
6900 RESEARCH ON FISH MGN	27	10.8	197,266	747,865	*
7000 FISH EQUIP & TECHNOL	115	31.5	921,724	3,204,688	*
9900 UNCLASSIFIED	48	128.9	1,107,117	14,281,112	*
TOTAL	26914	11345.1	516,376,499	1,031,711,797	*

SERIES 200				
101 APPRAIS OF SOIL PRES	204	75.7	1,166,533	6,100,731
102 SOIL FLAT W/ FURRT	620	236.5	9,101,903	20,953,036
103 MONT OF SALINE SOIL	70	36.6	2,214,074	3,722,360
104 ALTERN USE OF LAND	204	93.1	2,151,219	5,682,704
105 CONSERV USE OF WATE	301	114.7	5,222,633	10,675,772
106 DRAIN AND IRRIGATION	136	64.8	1,410,435	5,515,171
107 WATERSHED PROT & MG	267	245.2	15,952,646	27,467,030
108 ECON LET PROJ CP WAD	47	19.4	524,148	1,270,131
109 WEATHER ADAPT & MO	117	32.2	907,442	4,658,158
110 AFFAIRS FORST & SAN	126	21.2	7,744,617	9,210,370
111 BIOL CULT W/MT PROJ	475	255.9	14,950,454	25,556,468
112 IMPROV RANGE RESOR	228	91.0	4,899,474	9,244,422
113 PROCTE SENSIN	54	16.0	804,741	1,853,406
114 RESCH ON MONT OF ESC	27	10.6	197,266	747,865
SUBTOTAL	2905	1416.1	74,221,694	133,091,651

SERIES 200				
201 CNTRL FORST INSECTS	264	178.0	13,193,017	17,516,132
202 CONTROL FOREST DIS	167	57.1	5,472,306	7,961,184
203 FOREST FIRE PROTECT	40	72.6	6,804,659	7,161,145
204 CNTR PESTS PAT & VE	452	196.1	6,534,244	17,254,171
205 CNTR DISR PAT & VEG	770	268.6	7,659,165	21,084,145
206 CNTR WRODS PAT & VE	194	56.2	1,774,618	4,358,820
207 CNTR PESTS FLD CROF	688	316.9	17,291,304	28,751,985
208 CNTR DIS FLD CROF	981	366.3	14,810,166	27,255,832
209 CNTR WRODS FLD CROF	374	135.0	5,823,414	12,241,049
210 CNTR PESTS ANIMALS	116	62.9	4,301,753	5,704,654
211 CNTR DIS ANIMALS	625	360.0	27,787,459	46,610,601
212 CNTR INCRP PARASITE	121	67.3	5,053,157	7,629,615
213 PROT ANMLS FROM TOX	121	45.4	4,239,847	6,068,675
214 PROTECT FROM POLLUT	253	73.3	3,308,337	7,056,282
SUBTOTAL	5061	2302.0	126,498,728	218,306,472

SERIES 300				
301 GENET BREED FORST T	144	72.5	4,343,715	6,655,313
302 IMP FOREST ENG SYS	31	25.9	2,014,288	2,956,106
303 ECON TIMBER PROTECT	55	25.1	555,561	1,957,993
304 IMP BIO EFF PLY & V	1107	424.0	9,610,308	35,811,247
305 MECH PROD PROT & VEG	166	51.2	1,648,548	4,545,909
306 PROD WMT SYS & V	86	22.3	336,426	1,634,113
307 IMP BIO EFF FLD CRO	1494	818.5	24,905,311	76,267,179
308 MECH PROD FLD CRO	164	69.4	3,957,178	6,580,648
309 PROD NGMT SYS FLD C	234	52.3	1,274,626	4,796,797
310 ANIMAL REPRODUCTION	623	200.5	9,698,703	27,075,032
311 IMP BIO EFF ANML PR	1363	520.2	19,707,934	76,367,239
312 BW STRESS IN ANML	190	76.7	2,191,641	8,701,153
313 PROD NGMT SYS ANML	286	67.2	2,139,332	10,545,395
314 BRES CTH COLLECTING I	72	49.9	2,778,936	10,545,063
315 IMP CTRC PARM SUPP	117	46.1	1,104,628	5,253,019
316 FARM BUSINESS NGMT	139	49.4	1,116,056	2,608,504
317 MECH/STRUCTS ANML P	84	15.4	512,565	1,910,154
318 NON-COM BIO TECH/BI	1178	620.4	21,070,722	53,780,425
SUBTOTAL	7806	3220.5	109,366,129	330,829,487

SERIES 400				
401 NEW IMP FOREST PROD	211	214.0	11,634,502	16,931,371
402 PROD F & V IMP ACCE	276	57.1	1,729,116	4,971,005
403 NEW & IMP P&W PROD	244	149.0	6,651,610	11,175,114
404 MNT QUAL PRS & VEG	219	115.1	5,580,113	9,179,985
405 PROD FLD CPOD IMP A	372	142.3	7,270,165	11,647,062
406 NEW IMP PROD FLD CR	191	107.4	8,329,793	10,859,199
407 NEW IMP NON-PROD CPO	161	114.2	7,218,745	8,164,264
408 MNT QUAL FLD CROF	149	73.8	4,312,259	5,623,726
409 PROD ANML PR IMP AC	180	52.7	2,947,531	6,110,000
410 IMP HEAT MILK ENG P	307	133.4	5,459,002	10,706,379
411 IMP NON-PROD ANML P	39	41.9	2,855,251	3,208,439
412 MNT QUAL ANIMAL PRO	141	41.5	1,036,110	3,681,649
SUBTOTAL	2504	1285.1	65,796,196	102,660,245

SERIES 500				
501 IMP GRADES & STANDS	97	45.0	1,093,686	4,230,424
502 MNT TIMBER PRODUCE	39	41.9	2,471,018	2,791,382
503 MNTG EFF AGRI PROJ	115	116.5	5,940,115	7,913,969
506 SPLY DEMAND AND PRI	209	110.0	6,500,638	7,866,313
507 COMP REL IN AGRIC	66	20.6	797,250	1,035,489
508 DOMESTIC MNT DEVELP	66	22.4	1,036,448	1,312,313
509 PERFORMANCE MNTG SY	202	113.3	5,337,320	6,665,985
510 GPOOF ACT MNT COVER	69	26.7	1,108,120	1,405,424
511 IMP AGRIC STATISTIC	31	11.9	400,692	986,643
512 IMP GRADES FIRST EPO	20	11.6	678,049	874,151
513 PRICE ANML PRST PFO	20	13.5	718,342	923,537
SUBTOTAL	1134	557.3	28,051,579	36,045,650

SERIES 600				
601 FGN MNT DEVELP	79	93.9	4,292,051	4,887,684
602 EVAL FGN PROD AID F	3	0.3	9,977	22,251
603 TECH AID DEV CTRY	61	29.6	605,903	1,730,844
604 PROD DEVELP/MNTG PNC	27	27.7	1,850,173	2,009,764
SUBTOTAL	170	151.6	6,758,103	8,650,543

CLASSIFICATION	NO	SCIENTIST	RSC PED APPR	TOTAL FY90S	USDA COR/GT/CA WITH S&S
CATEGORY	OF	YEAR	CSES APSTAL	(GROSS)	S&S
	190J	1977	(GROSS) 1377	1977	1977
RIPES 990					
001 RURAL HOUSING	62	29.0	1,329,840	2,133,263	*
002 INDIV & FAM DEC MAK	169	35.1	1,647,380	2,366,525	*
003 RURAL POVERTY	94	9.4	55,172	596,787	*
004 ECON POTENTIAL RURAL PE	119	32.0	1,390,590	2,177,672	*
005 COMMUNICAT RURAL PE	139	29.6	1,067,441	2,712,336	*
006 ADJUSTWEST TO CHANGE	165	59.3	2,416,366	4,258,056	*
007 AGRIC ECONOMIC CHAN	138	77.1	5,632,475	7,142,470	*
008 GOV'T PROGRAMS	51	12.4	1,563,762	1,539,324	*
SUBTOTAL	907	333.6	15,532,826	23,413,347	*
RIPES 000					
001 ALLEV POLLUTION	861	442.5	19,477,053	37,964,837	*
002 OUTDOOR RECREATION	184	63.1	2,765,026	4,766,814	*
004 MULTI-USE-FOREST PO	85	31.7	1,770,579	2,591,111	*
005 WILDLIFE AND FISH ECC	550	220.2	6,191,546	19,744,004	*
006 TREES REAFFICATION	115	19.9	2,279,470	4,212,585	*
006 CONSERVNT & TRFF DRV	614	236.7	6,563,598	19,320,926	*
007 RURAL INCOME INC	193	57.2	1,921,228	3,553,863	*
008 RURAL INSTITUTE INC	317	97.5	3,300,306	6,495,301	*
999 UNCLASSIFIED	46	128.9	1,107,117	14,221,112	*
SUBTOTAL	3011	1117.7	45,352,876	112,619,655	*
INCOME IN SERV OF MAN					
GRAND TOTAL	25062	11345.3	516,376,493	1,031,711,767	*

CLASSIFICATION	NO	SCIENTIST	REG PED APPR/	TOTAL FUNDS	USDA COM
CATEGORY	OF	YRBS	CSSS ADMSTRG	(GROSS)	SYS
	PROJ	1977	(GROSS) 1977	1977	1977
0100 SOIL AND LAND	1306	518.5	19,630,767	45,268,417	*
0200 WATER	496	336.5	15,155,715	31,221,357	*
0300 WATERWAYS RIVER BAS	230	202.0	16,895,782	22,087,076	*
0400 AIR AND CLIMATE	156	62.0	2,072,662	6,657,211	*
0500 RECREATION RESOURCES	181	67.5	4,453,721	6,280,557	*
0600 FOREST FOREST PRODUCTS	1135	1062.1	73,069,455	95,447,634	*
0700 RANGE	322	141.1	8,030,471	13,687,411	*
0800 WILDLIFE AND FISH	565	223.7	6,635,740	20,019,625	*
0900 CITRUS SUB TROP FRUIT	372	211.7	9,272,392	15,114,463	*
1000 FRUIT NUTS LEGUMINOUS	1178	435.9	16,551,620	43,556,293	*
1100 POTATOES	366	140.9	5,536,277	11,144,241	*
1200 VEGETABLES	1489	570.5	17,622,026	43,846,253	*
1300 ORNAMENTALS TURF	635	244.2	6,794,374	19,810,614	*
1400 CORN	971	301.6	12,366,754	24,845,192	*
1500 SOYBEAN CEREAL	406	62.6	2,722,434	6,513,171	*
1600 RICE	179	66.6	2,352,026	5,206,554	*
1700 WHEAT	777	267.6	11,793,700	21,261,101	*
1800 OTHER SMALL GRAINS	487	115.3	5,099,901	9,619,686	*
1900 PASTURE	136	46.4	1,395,380	4,484,992	*
2000 FORAGE CROPS	994	379.7	12,111,799	28,366,657	*
2100 COTTON	556	197.4	24,726,113	35,560,917	*
2200 COTTONSEED	52	31.6	2,336,554	2,543,607	*
2300 SOYBEANS	923	314.6	13,912,419	26,136,599	*
2400 PEANUTS	220	85.3	3,770,172	7,042,435	*
2500 OTHER OILSEED CROPS	116	35.0	1,769,657	3,019,078	*
2600 SORGHUM	226	111.5	5,421,510	10,522,215	*
2700 SUGAR CROPS	245	110.1	6,143,694	9,827,157	*
2800 MISC NEW CROPS	154	65.9	2,564,676	5,592,006	*
2900 COUNTRY	471	347.2	16,615,077	35,465,896	*
3000 DEPT CATTLE	1415	582.4	32,117,219	77,253,660	*
3100 DAIRY CATTLE	1211	460.6	24,678,221	53,312,281	*
3200 SWINE	676	211.2	15,016,669	31,379,657	*
3300 SHEEP AND WOOL	451	134.1	9,435,818	15,985,696	*
3400 OTHER ANIMALS	411	123.4	1,633,647	10,975,257	*
3500 BEES AND HONEY	72	49.5	2,778,536	3,597,060	*
3600 FARM SUPP & FACILITIES	115	53.4	2,162,393	3,482,271	*
3700 CLOTHING & TEXTILES	67	21.4	575,051	1,074,112	*
3800 FOOD	516	324.4	16,111,734	27,716,236	*
3900 HOUSING & EQUIP	253	89.2	1,303,310	8,743,950	*
4000 PEOPLE AS INDIVIDUAL	714	442.8	12,621,335	20,637,921	*
4100 FAMILY MEMBERS	236	55.6	3,626,082	3,766,339	*
4200 FARM AS BUSINESS	179	76.2	1,213,604	5,216,784	*
4300 SOC POLIT ORGANIZ	473	157.6	5,388,768	9,922,251	*
4400 AGRIC ECONOMY U S	115	67.2	4,174,356	5,868,808	*
4500 AGRIC ECONOMY FOREIGN	48	51.1	3,968,318	4,936,122	*
4600 FARM COOPERATIVES	76	27.7	1,170,784	1,423,743	*
4700 COT MARKET PROCESS	45	11.7	364,367	867,285	*
4800 MARKETING SYSTEMS	111	37.5	2,239,289	2,954,861	*
4900 WEEDS	71	24.4	1,608,151	2,134,672	*
5000 FEED RESEARCH	37	15.2	625,169	1,473,359	*
5100 BIO CELL SYSTEMS	220	87.3	1,174,640	7,786,931	*
5200 EXP DESIG/STAT METH	56	28.3	518,274	2,173,851	*
5300 INVERTEBRATES	307	221.0	10,279,971	18,305,788	*
5400 MICROORGANISMS, VIRUS	259	95.6	2,103,617	8,741,452	*
5500 PLANTS	791	473.0	18,552,625	32,813,302	*
5600 ANIMALS (VERTEBRATES)	164	129.6	2,893,471	12,766,751	*
5700 RESEARCH ON BSCN RES	27	16.8	197,266	747,664	*
5800 BSCN EQUIP & TECHNOL	105	32.9	903,888	3,162,438	*
5900 UNCLASSIFIED	42	112.0	1,107,117	13,232,379	*
TOTAL	25730	10983.4	514,343,476	1,004,066,785	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG PRD APPR/ CNSR ADMSTRS (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAR AMOUNT 1977
SERIES 100						
101 APPRAIS OF SOIL RES	194	65.5	1,154,178	5,471,319	*	
102 SOIL PLNT MGT RUTPI	588	227.5	9,033,075	23,128,511	*	
103 MGMT OF SALINE SOIL	79	36.6	2,204,079	3,722,386	*	
104 ALTERN USE OF LAND	133	43.8	2,084,154	5,222,160	*	
105 CONSERV USE OF WATE	297	109.3	5,216,031	10,102,397	*	
106 DRAIN AND IRRIGATION	117	64.7	3,414,435	5,695,461	*	
107 WATERHEED PROT & MG	266	233.3	10,950,314	26,068,251	*	
108 ECON LEG PROD OF WA	46	19.4	524,116	1,275,962	*	
109 WATHEW ADAPT C MOD	114	37.7	883,498	4,604,130	*	
110 APPRAIS FORST & GAN	90	77.3	7,650,307	8,837,198	*	
111 BIOL CULT MGMT FORBS	315	261.4	16,306,912	22,062,373	*	
112 IMPROV RANGE FESCS	214	69.1	4,843,371	9,398,901	*	
113 DEFECT SENSING	47	17.3	772,772	1,731,282	*	
114 RSCH ON MGMT OF ESC	27	10.8	197,266	747,065	*	
SUBTOTAL	2598	1334.6	73,253,250	125,266,238	*	
SERIES 200						
201 CNTRL FORST INSECTS	224	169.2	13,119,510	17,125,104	*	
202 CONTPOL FOREST DIS	135	92.6	5,771,174	7,523,767	*	
203 FOREST FIRE PROTCT	37	71.9	6,804,659	7,292,940	*	
204 CNTR PESTS FRT & VE	448	193.7	8,534,244	17,138,084	*	
205 CNTR WISE FRT & VEG	767	267.6	7,955,195	21,026,041	*	
206 CNTR WEEDS FRT & VE	187	54.6	1,774,616	4,335,036	*	
207 CNTR PESTS FLD CROP	679	315.3	17,291,304	28,596,018	*	
208 CNTR DIS FELD CROP	870	339.9	14,810,186	26,359,742	*	
209 CNTR WEEDS FLD CROP	372	137.1	5,820,614	12,204,007	*	
210 CONT PESTS ANIMALS	116	62.9	4,001,753	5,784,654	*	
211 CONR DIS ANIMALS	613	376.6	27,787,459	36,471,063	*	
212 CNTR INCR PARASITE	119	67.1	5,053,057	7,666,465	*	
213 PRCT ANMLS FROM TOX	120	49.3	4,289,887	6,064,961	*	
214 PRCTCT FROM POLLUT	236	70.5	3,303,746	7,626,045	*	
SUBTOTAL	4919	2266.5	126,231,475	215,816,732	*	
SERIES 300						
301 GENET BREED FORST C	103	65.0	4,086,615	5,941,083	*	
302 IMP FOREST ENG SYS	23	20.6	1,904,153	2,677,241	*	
303 ECON TIMBER PRODUCT	34	25.8	924,057	1,711,661	*	
304 IMP BIC EFF FRT & V	1084	417.9	9,630,008	35,453,365	*	
305 MECH PROD FRT & VEG	186	61.2	1,644,548	4,545,003	*	
306 PROD MGMT SYS F & V	85	22.0	316,426	1,686,156	*	
307 IMP BIO EFF FLD CROP	1053	804.1	24,905,011	75,063,060	*	
308 MCH PROD FELD CRO	164	69.4	3,957,178	6,589,846	*	
309 PROD MGMT SYS FLD C	204	52.3	1,274,626	3,796,797	*	
310 ANIMAL REPRODUCTION	470	197.7	9,650,783	26,649,277	*	
311 IMP BIO EFF ANML PH	1336	512.0	19,707,344	75,511,060	*	
312 EGY STRESS IN ANML	107	76.4	2,191,641	4,687,177	*	
313 PROD MGMT SYS ANML	283	65.4	2,139,832	3,944,613	*	
314 BERS OTH POLLNTNG I	72	49.9	2,770,936	3,597,060	*	
315 IMP STAPC FARM SUPP	132	42.5	1,104,620	4,969,155	*	
316 FARM BUSINESS MGMT	137	48.2	1,118,056	2,764,067	*	
317 RECH/STRUCTS ANML P	84	15.4	512,585	1,910,154	*	
318 NON-CON BIO TECH/ET	1150	614.9	21,066,264	53,584,067	*	
SUBTOTAL	7595	3160.6	109,065,263	325,935,212	*	
SERIES 400						
401 NEW IMP FOREST PROD	104	179.2	11,444,938	15,140,110	*	
402 PROD F & V IMP ACCE	272	57.2	1,729,116	4,956,638	*	
403 NEW C IMP F&V PROD	262	160.0	6,651,610	11,162,297	*	
404 MXT QUAL FRTS & VEG	276	115.7	5,580,113	9,179,985	*	
405 PROD FLD CROP IMP A	364	135.1	7,270,165	11,430,249	*	
406 NEW IMP PROD FLD C	109	144.3	0,329,793	10,727,338	*	
407 NEW IMP NCM-PROD CB	102	111.2	7,210,705	8,150,800	*	
408 MXT QUAL FELD CROP	143	71.8	4,312,258	5,623,726	*	
409 PROD ANML PR IMP AC	112	49.4	2,947,531	6,317,053	*	
410 IMP HEAT MTLK EGG P	335	132.5	5,450,002	10,644,206	*	
411 IMP NON-PROD ANML P	39	43.9	2,855,251	3,208,439	*	
412 MXT QUAL ANIMAL PRO	139	41.3	1,830,110	3,642,628	*	
SUBTOTAL	2406	1240.7	65,636,731	100,201,679	*	
SERIES 500						
501 IMP GRADES & STANDS	97	45.0	3,093,686	4,210,424	*	
502 MXT TIMBER PRODUCT	34	40.5	2,444,817	2,704,790	*	
503 MXT EFF AGRI FESCS	312	117.7	5,940,115	7,829,347	*	
506 SPLY DEMAND AND PRI	206	130.0	6,500,438	7,875,727	*	
507 COMP REPL IN AGRIC	66	20.6	797,250	1,035,489	*	
508 DOMESTIC MXT DEVELP	66	22.4	1,006,448	1,312,333	*	
509 PERFORMANCE MXT SY	201	113.3	5,337,320	6,658,945	*	
510 GFOU ACT MXT POWER	64	25.8	1,108,120	1,276,265	*	
511 IMP AGRIC STATISTIC	31	11.9	400,692	586,643	*	
512 IMP GRADES PRST PRO	13	12.4	673,321	806,346	*	
513 FPCS ANML PRST PRO	11	11.2	676,910	791,513	*	
SUBTOTAL	1108	550.5	27,981,418	35,500,020	*	
SERIES 600						
601 GEN MXT DEVELP	79	91.9	4,292,051	4,887,684	*	
602 EVAL FCM FOOD AID P	3	0.3	9,777	22,251	*	
603 F&V R&D DEV CTRY	56	29.1	597,730	1,685,881	*	

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROGRAM AREA - NATIONAL TOTAL SAPS - USDA

CLASSIFICATION CATEGORY	NO OF YEARS 1950	SCIENTIST YEARS 1977	PRG PRG APPE/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/C SYS 1977
SERIES 500					
501 RURAL HOUSING	59	27.8	1,329,840	2,040,244	*
502 INDIV & FAM SEC HAN	151	31.6	1,647,360	2,205,356	*
503 RURAL POVERTY	35	7.5	551,272	625,714	*
504 ECON POTENTIAL RURAL PR	37	29.3	1,300,590	1,650,634	*
505 COMMUNICAT RURAL PR	123	27.1	1,360,808	2,472,097	*
506 ADJUSTMENT TO CHANG	170	56.3	2,410,366	4,006,532	*
507 AGRIC ECONOMIC CHAN	132	76.2	5,632,375	7,061,456	*
508 GOV'T PROGRAMS	51	32.4	1,563,762	1,933,024	*
SUBTOTAL	916	286.3	15,456,193	22,001,462	*
SERIES 503					
501 ALLEY POLLUTION	417	421.7	19,446,627	36,755,721	*
502 OUTDOOR RECREATION	153	56.0	2,637,131	4,246,252	*
503 MULTI-USE-FOREST LO	71	30.1	1,711,157	2,445,358	*
504 WILDLIFE AND FISH ECO	453	198.1	6,072,366	17,745,570	*
505 TREES REAFFORESTATIO	109	36.3	2,276,729	3,849,642	*
506 CEMENT & TRAIL DEV	616	236.4	6,566,498	15,018,717	*
507 RURAL INCOME IMP	178	54.3	1,521,228	3,241,996	*
508 RURAL INCOME IMP	106	95.8	3,300,306	6,295,724	*
509 UNCLASSIFIED	42	112.0	1,187,117	1,232,175	*
SUBTOTAL	2727	1240.6	45,032,859	106,461,418	*
SCIENCE IN SERV OF MAN					
GRAND TOTAL	23816	10983.4	514,343,478	1,004,086,795	*

CLASSIFICATION CATEGORY	NO OF LEAF	SCIENTIST YEARS	PER F2D APE/ CSES ADMSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CCR/WT/CS SYS 1977	WITH SAES AMOUNT 1977
1. AND LAND	223	106.1	14,505,944	14,016,494	1.9	1,278,418
2. FISH	214	152.9	12,849,153	15,167,693	2.1	150,153
3. FISH AND SWEETWATER	158	189.6	18,446,406	14,347,486	2.5	117,010
4. AND CLIMATE	24	15.6	1,545,649	1,640,505	0.2	18,253
5. RECREATION RESOURCES	18	24.7	3,567,024	3,713,169	3.0	235,600
6. FOREST PRODUCT	247	728.7	65,603,732	70,715,849	3.2	1,154,215
7. FOREST	81	72.5	7,384,401	7,669,552	0.3	325,050
8. WILDLIFE AND FISH	46	58.6	4,562,968	5,377,495	3.0	432,914
9. FOREST SUB TROP FRUIT	92	69.0	9,182,222	4,726,884	0.4	225,930
10. FOREST SUBS DECIDUOUS	178	139.5	11,555,175	11,888,942	1.7	423,680
11. FOREST SUBS DECIDUOUS	64	55.6	4,115,675	4,221,710	2.9	274,534
12. FOREST SUBS DECIDUOUS	232	144.2	12,811,681	12,279,766	6.0	1,415,233
13. FOREST SUBS DECIDUOUS	55	37.1	4,418,122	4,685,477	3.5	260,514
14. FOREST SUBS DECIDUOUS	205	127.1	9,418,528	9,607,641	2.5	333,416
15. FOREST SUBS DECIDUOUS	116	30.2	2,103,635	2,745,387	0.8	126,285
16. FOREST SUBS DECIDUOUS	72	28.6	2,114,725	2,205,187	0.2	27,356
17. FOREST SUBS DECIDUOUS	106	121.4	9,980,185	10,105,537	0.4	414,398
18. FOREST SUBS DECIDUOUS	113	34.0	3,553,536	4,072,746	0.9	917,990
19. FOREST SUBS DECIDUOUS	24	10.0	1,032,978	1,064,203	0.6	121,322
20. FOREST SUBS DECIDUOUS	158	101.7	9,551,645	8,760,231	1.1	466,546
21. FOREST SUBS DECIDUOUS	216	262.9	22,163,352	23,098,874	0.8	427,111
22. FOREST SUBS DECIDUOUS	31	30.5	2,288,114	2,297,079	0.0	1,000
23. FOREST SUBS DECIDUOUS	174	118.4	19,719,532	10,637,323	4.5	1,634,007
24. FOREST SUBS DECIDUOUS	80	32.2	3,323,625	3,430,891	0.5	241,005
25. FOREST SUBS DECIDUOUS	33	20.4	1,655,239	1,126,559	0.0	0
26. FOREST SUBS DECIDUOUS	42	58.6	5,001,453	5,213,776	8.1	737,792
27. FOREST SUBS DECIDUOUS	67	33.3	5,257,856	5,350,760	0.3	66,760
28. FOREST SUBS DECIDUOUS	44	39.4	2,655,145	3,166,311	0.5	387,202
29. FOREST SUBS DECIDUOUS	156	135.2	11,263,482	11,568,857	2.6	387,585
30. FOREST SUBS DECIDUOUS	262	199.6	23,784,901	24,111,055	3.9	1,728,412
31. FOREST SUBS DECIDUOUS	210	139.5	17,269,366	17,566,739	3.6	1,290,286
32. FOREST SUBS DECIDUOUS	155	64.5	11,695,136	12,367,596	4.2	932,707
33. FOREST SUBS DECIDUOUS	101	56.8	7,911,616	7,955,473	0.7	604,913
34. FOREST SUBS DECIDUOUS	46	17.7	2,446,028	2,469,791	0.0	55,356
35. FOREST SUBS DECIDUOUS	29	33.9	2,567,516	2,593,753	1.8	67,968
36. FOREST SUBS DECIDUOUS	17	29.1	1,777,645	1,777,645	0.0	263,300
37. FOREST SUBS DECIDUOUS	4	5.0	258,174	258,174	1.0	33,760
38. FOREST SUBS DECIDUOUS	93	185.4	13,651,496	16,106,585	1.0	394,262
39. FOREST SUBS DECIDUOUS	56	34.4	2,677,265	4,242,260	0.0	0
40. FOREST SUBS DECIDUOUS	100	74.6	9,659,479	10,018,471	1.5	2,625,145
41. FOREST SUBS DECIDUOUS	27	18.0	2,716,977	2,736,177	0.6	1,728,121
42. FOREST SUBS DECIDUOUS	8	15.4	2,006,619	2,006,619	0.0	116,071
43. FOREST SUBS DECIDUOUS	34	29.3	2,211,206	2,417,286	3.0	562,964
44. FOREST SUBS DECIDUOUS	15	15.3	1,634,810	1,695,124	0.0	67,200
45. FOREST SUBS DECIDUOUS	24	60.7	3,842,163	3,888,964	0.0	0
46. FOREST SUBS DECIDUOUS	36	21.1	980,935	945,139	0.0	0
47. FOREST SUBS DECIDUOUS	8	3.2	212,865	327,934	0.0	0
48. FOREST SUBS DECIDUOUS	11	21.8	1,502,279	1,533,279	0.0	210,000
49. FOREST SUBS DECIDUOUS	31	14.9	1,423,626	1,559,101	0.9	262,353
50. FOREST SUBS DECIDUOUS	11	5.7	516,216	516,216	0.0	0
51. FOREST SUBS DECIDUOUS	14	5.8	488,965	488,965	0.0	15,507
52. FOREST SUBS DECIDUOUS	8	2.1	374,181	374,181	0.0	224,959
53. FOREST SUBS DECIDUOUS	62	117.1	9,508,637	9,845,677	1.8	119,127
54. FOREST SUBS DECIDUOUS	18	14.4	1,410,213	1,469,062	0.8	86,044
55. FOREST SUBS DECIDUOUS	200	159.3	15,829,523	16,530,091	2.2	3,079,021
56. FOREST SUBS DECIDUOUS	60	17.6	1,785,618	1,826,718	0.2	151,122
57. FOREST SUBS DECIDUOUS	14	7.0	671,858	714,072	0.5	63,003
58. FOREST SUBS DECIDUOUS	3	1.0	51,993	51,990	0.0	0
59. FOREST SUBS DECIDUOUS	5005	4496.9	4,12,979,596	416,272,571	70.2	26,415,307

CLASSIFICATION CATEGORY	NO OF YEARS 1963	SCIENTIST YEARS 1977	F2G F2C APPR/ CSES ACUMTHD (SPGSS) 1977	TOTAL FUNDS (\$'000) 1977	USDA CON/GT/CA SYS 1977	WITH SARE AGENCY 1977
SERIES 100						
101 APPEARS ON SOIL RES	7	0.0	233,528	233,928	3.0	233,928
102 SOIL FERT WTH NUTR	100	80.5	7,143,505	7,086,552	1.1	327,021
103 MGMT OF SALINE SOIL	19	22.6	2,100,965	2,366,282	1.1	100,042
104 ALTZERN USE UP LAND	17	23.7	1,081,600	1,218,100	0.0	20,000
105 CLOSURE USE OF WATR	64	57.1	4,674,338	5,669,212	0.3	14,665
106 DRAIN AND IRRIGATION	41	35.6	3,177,646	3,524,451	0.5	11,590
107 WATER-SHED F2C & HG	129	194.3	18,401,314	21,627,697	2.5	17,302
108 ECHO LE. FROM OF WA	5	5.6	405,793	412,390	0.0	0
109 WZATHR ACAT & MOC	10	4.0	412,922	453,261	0.0	27,900
110 APPEARS FERT & PAN	12	57.4	7,361,620	7,536,670	0.0	0
111 FILL CULT MNT SYS	66	163.9	16,519,336	15,537,994	0.0	107,410
112 IMPROV BANCER RESOR	57	42.0	4,423,633	4,544,116	0.1	293,252
113 FEMICE SENSING	6	5.0	637,574	672,990	0.0	26,120
SUBTOTAL	541	712.1	64,594,517	71,631,165	5.6	1,197,651
SERIES 200						
201 CNTRL PEST INSECTS	66	114.8	12,330,716	13,400,420	0.0	945,957
202 CONTROL FOREST CIS	24	58.7	5,027,082	5,192,251	0.0	10,000
203 FOREST FIRE PROTECT	29	70.4	6,798,134	7,130,150	0.0	0
204 CNTR PESTS F2C & VE	106	64.1	7,049,721	7,214,656	2.4	102,255
205 CNTR DISE F2C & VE	118	58.5	5,487,755	5,518,336	2.2	120,011
206 CNTR WEEDS F2C & VE	29	8.6	1,114,346	1,114,346	0.0	16,379
207 CNTR PESTS FLD CROP	205	154.4	14,667,596	14,575,364	1.1	617,194
208 CNTR DIS FLD CROP	219	136.7	11,815,705	11,877,536	1.0	690,158
209 CNTR WEEDS FLD CROP	84	51.7	4,575,925	4,626,826	1.2	167,457
210 CNTR PESTS ANIMALS	25	22.8	3,598,510	3,601,708	0.0	41,665
211 CNTR DIS ANIMALS	146	145.3	24,527,025	25,012,330	0.7	916,149
212 CNTR INSE FERTASTE	27	35.5	4,518,261	4,574,797	3.2	22,816
213 FERT ANIMAL FROM TOX	32	29.4	3,951,992	4,009,510	0.2	9,228
214 BIOCONT FROM POLLUT	24	16.6	2,619,685	2,773,240	3.0	273,842
SUBTOTAL	1126	985.3	109,069,102	111,280,647	25.6	4,447,161
SERIES 300						
301 GENET BREED FOREST C	12	35.4	3,265,510	3,377,130	0.0	0
302 IMP FOREST ENG SYS	6	14.1	1,661,900	2,174,130	0.0	0
303 ECON TIMBER PRODUCT	5	10.9	721,520	742,520	0.0	0
304 IMP BIO EFF F2C & V	130	61.3	5,655,064	6,052,113	1.5	142,225
305 RECH PROD F2C & VEG	16	14.5	1,024,359	1,043,875	0.0	0
306 PROD MNT SYS F & V	3	0.6	66,495	95,473	3.0	0
307 IMP BIO EFF FLD CRO	312	178.0	17,664,389	18,413,906	2.4	2,812,666
308 RECH FROM FLD CRO	25	38.6	3,486,871	3,601,731	0.0	2,111
309 FROM MNT SYS FLD C	14	6.7	617,182	617,182	3.0	10,500
310 ANIMAL REPRODUCTION	10	34.9	5,647,570	5,961,055	2.1	619,766
311 IMP BIO EFF ANML RES	99	55.7	10,147,464	10,198,551	0.7	1,490,116
312 ENV STRESS IN ANML	18	10.6	1,167,795	1,184,572	0.0	0
313 RECH MNT SYS ANML	16	4.3	1,165,679	1,162,466	0.1	971,782
314 REES OTH FOLLOWING 1	25	31.9	2,567,516	2,591,753	1.4	67,766
315 IMP STRUC FARM SUFF	26	8.2	763,515	1,080,415	3.0	217,760
316 FARM BUSINESS MNT	1	0.0	76,971	76,971	0.0	76,971
317 RECH/STRUCTS ANML F	16	3.1	340,000	410,660	0.0	0
318 NON-COM BIO TECH/BI	117	207.2	17,637,734	18,502,551	1.5	625,261
SUBTOTAL	959	719.5	74,431,115	78,920,778	12.4	7,273,461
SERIES 400						
401 NEW IMP FOREST PROD	27	113.5	10,456,060	10,902,240	0.0	0
402 PROD F & V IMP ACCE	37	10.3	1,159,596	1,160,120	0.0	196,418
403 NEW & IMP F2C F2D	45	77.5	5,517,314	5,769,936	0.0	0
404 MNT QUAL PESTS & VEG	61	56.1	4,121,006	4,264,550	1.1	26,442
405 PROD FLD CROP IMP A	139	75.7	6,301,002	6,356,766	2.1	21,511
406 NEW IMP PROD FLD CRO	54	110.6	7,607,604	7,660,770	0.0	0
407 NEW IMP NON-FOOD F2C	51	98.9	6,472,806	6,998,590	0.0	0
408 MNT QUAL FLD CROP	62	51.5	3,893,061	3,974,503	0.2	11,760
409 PROD ANML PR INF AC	16	47.0	1,524,550	1,526,527	0.0	47,000
410 IMP MEAT MILK EGG P	26	10.9	3,301,972	3,137,313	0.0	0
411 IMP NON-FOOD ANML PR	18	60.0	2,800,075	2,843,589	0.0	0
412 MNT QUAL ANIMAL PRO	17	10.9	973,476	995,013	0.1	117,060
SUBTOTAL	563	701.0	54,631,172	55,810,044	1.5	665,711
SERIES 500						
501 INF GRACES & STANDS	27	25.3	2,662,922	2,785,651	0.2	41,112
502 MNTS TIMBER PRODUCT	11	35.6	2,343,290	2,440,520	0.0	0
503 MNTS F2C AGRI PROD	87	62.5	4,232,756	4,443,051	0.7	442,012
504 SPLY DEMAND AND PRI	44	87.2	5,046,706	5,113,752	0.0	10,750
505 COMP REL IN AGRIC	9	12.1	512,752	779,170	0.0	10,000
506 DOMESTIC MNT OVERFL	4	13.7	774,363	779,170	0.0	10,000
507 PERFORMANCE MNTG SY	46	62.9	1,786,391	3,803,228	0.0	171,600
508 GROUP ACT MNT POWER	37	21.1	955,935	960,169	0.0	15,000
509 IMP GRACES F2C F2D	2	10.0	305,097	305,097	0.0	106,129
510 PRICE ANML F2C F2D	3	8.6	646,903	660,000	0.0	0
SUBTOTAL	277	342.8	21,858,752	22,336,334	1.6	915,523
SERIES 600						
601 PGM MNT OVERFL	24	80.7	3,982,364	3,084,964	0.0	0
602 TPCN AID DEV CFIV	18	15.6	822,992	870,985	0.0	0
604 PROD OVLPMNT/MNTG PGM	17	26.9			0.0	0

CLASSIFICATION CATEGORY	NO OF PRC.I	SCIENTIST YEARS 1977	REG FED APPR/ CRPS ADMSTFC (GROSS) 1977	TOTAL FUND (GROSS) 1977	USDA CON/GT/CA SYS 1977	WILN SARE AMOUNT 1977
000						
USAL HOUSING	13	14.7	1,114,939	1,367,840	0.0	3
ALIV & FAM DEC MAK	12	4.8	1,017,767	1,337,767	0.0	659,403
USAL POVERTY	5	3.0	373,643	171,643	0.0	371,643
COM POTEST RUEL EP	11	5.6	693,227	693,227	0.0	147,077
COMMUNICAT RURAL RP	6	3.0	750,460	750,460	0.0	750,460
EDUCATION TC CHANG	13	15.3	1,515,574	1,515,574	0.0	231,074
AGRIC ECONOMIC CHAN	22	44.9	5,099,398	5,125,151	4.0	100,000
OV'T PROGRAMS	16	26.1	1,388,691	1,411,599	0.2	13,700
SUBTOTAL	100	111.4	11,973,701	12,297,671	0.2	2,506,107
900						
LIVY POLLUTION	157	197.3	15,730,207	16,893,216	2.0	767,964
OUTDOOR RECREATION	12	16.2	1,811,789	1,892,489	0.0	233,600
MULTI-USE-FOREST PO	9	18.5	1,487,563	1,610,970	0.0	0
LIMBE AND FISH ECO	41	57.0	4,651,921	5,043,600	0.0	311,335
PEBS REHAUTIFICATIO	10	11.5	1,576,918	2,093,418	0.2	181,320
PLANTMENT & CUSI DEV	55	36.6	4,228,500	4,494,260	0.9	150,514
USAL INCOME IMP	13	10.7	876,880	876,880	0.0	173,360
USAL INSTITUT IMF	24	18.6	1,131,604	1,349,644	0.0	256,744
UNCLASSIFIED	1	1.3	51,900	51,900	0.0	0
SUBTOTAL	330	369.5	32,017,165	34,360,470	3.0	2,088,957
IN SERV OP MAN						
GRAND TOTAL	4341	4464.9	412,979,596	436,272,573	70.2	26,415,307

TABLE II-B SUMMARY OF FULL-TIME RESEARCH POSITIONS FOR 1977 BY COMMODITY

AGRICULTURAL RESEARCH

CLASSIFICATION CATEGORY	NO. OF FTE'S	SCIENTIST YEARS 1977	REG. FTE APPR. USES ADJUSTED (REGES) 1977	TOTAL FUNDUS (GROSS) 1977	USDA COM/ SYS 1977
0100 SOIL AND LAND	167	133.4	11,332,641	12,517,011	1.4
0200 WATER	176	133.2	11,251,440	13,332,876	2.1
0300 WEATHER/CLIMATE	67	72.8	7,115,612	8,682,767	2.5
0400 AIR AND CLIMATE	17	6.7	716,969	729,533	0.2
0500 TIMBER FOREST PRODUCT	21	16.6	1,313,627	2,479,936	0.2
0600 RANGELANDS	54	63.6	4,663,353	4,864,901	0.3
0700 WILDLIFE AND FISH	9	2.1	225,789	244,107	0.0
0800 CITRUS SUB TROP FRUIT	78	88.1	6,016,021	8,359,651	1.7
0900 FRUIT NUTS (ECUADORS)	160	130.2	12,977,624	11,261,586	2.9
1000 POTATOES	51	51.5	3,666,310	4,172,065	0.0
1100 VEGETABLES	198	116.0	10,485,458	10,752,401	0.9
1200 CEREALS	54	37.3	4,239,601	4,466,955	0.9
1300 CEREALS/GRASS	165	120.3	9,810,040	8,596,901	2.5
1400 RICE	99	27.0	1,815,614	1,956,190	0.0
1500 WHEAT	107	121.5	1,967,576	2,037,093	0.2
1600 OTHER SMALL GRAINS	85	35.7	2,536,666	2,531,504	0.9
1700 PASTURE	21	10.6	912,032	948,211	0.0
1800 FORAGE CROPS	173	65.6	8,185,154	8,193,633	3.1
1900 COTTON	154	250.6	21,556,668	21,706,550	0.6
2000 COTTONSEED	31	28.6	2,166,851	2,173,966	0.0
2100 SOYBEANS	140	111.3	6,676,175	6,931,966	4.5
2200 PEANUTS	69	61.0	3,018,483	3,145,734	0.5
2300 OTHER OILSEED CROPS	32	20.1	1,607,778	1,639,089	0.0
2400 TOBACCO	62	58.6	5,001,451	5,211,776	0.1
2500 SUGAR CROPS	60	53.3	5,001,451	5,171,204	0.1
2600 RICE NEW CROPS	41	30.3	2,505,421	3,106,588	0.5
2700 PULP/TEXT	132	97.1	13,622,660	13,925,033	2.1
2800 SHEEP CATTLE	229	186.5	21,592,377	22,310,462	3.6
2900 DAIRY CATTLE	186	125.7	15,464,232	15,740,007	3.6
3000 SWINE	127	75.5	10,602,971	10,945,516	1.9
3100 SHEEP AND WOOL	94	57.7	7,737,092	7,775,647	0.0
3200 OTHER ANIMALS	42	17.7	2,347,714	2,411,677	0.0
3300 BEES AND HONEY	23	33.5	2,567,516	2,593,753	1.8
3400 FARM SUPPLY FACILITIES	4	3.9	220,905	220,905	0.0
3500 CLOTHING & TEXTILES	4	5.0	254,141	254,141	1.0
3600 FOOD	62	133.4	9,697,483	12,747,759	1.0
3700 HOUSING & EQUIP	47	20.5	1,517,345	3,081,460	0.0
3800 PEOPLE AS INDIVIDUAL	60	59.3	5,390,169	6,257,370	3.5
3900 FAMILY MEMBERS	5	5.3	430,256	438,256	0.0
4000 ETHNAPROCESS	7	2.0	102,122	217,391	0.0
4100 MARKETING SYSTEMS	1	0.9	46,837	46,837	0.0
4200 WEEDS	25	14.9	1,191,257	1,227,530	0.9
4300 BEER RESEARCH	11	5.7	536,216	536,216	0.0
4400 BIO CELL SYSTEMS	13	5.0	408,965	468,965	0.8
4500 INVERTEBRATES	60	117.1	9,434,058	9,771,007	1.8
4600 MICROORGANISMS, VIRUS	16	14.4	1,161,448	1,422,297	0.8
4700 PLANTS	139	154.9	12,630,519	13,531,093	2.2
4800 ANIMALS (VERTEBRATES)	25	15.1	1,550,439	1,591,559	0.2
4900 GEN. EQUIP & TECHNOL	11	6.0	589,412	631,430	0.5
TOTAL	3751	3066.0	276,361,111	292,956,442	69.0

INVENTORY OF AGRICULTURAL RESEARCH

IF II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PEOPLE AREA- AGRICULTURAL RESEARCH SERVICE

ARS

CLASSIFICATION CATEGORY	NO OF PEOJ	SCIENTIST YEARS 1977	FED PRD APPR/ CSES ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/ST/CA SYS 1977	WITH SALES AMOUNT 1977
IES 100						
02 SOIL PLNT WTR NUTRI	55	76.8	6,732,516	7,434,553	1.3	93,418
01 MGMT OF SALINE SOIL	14	22.5	1,909,345	2,248,682	1.1	39,047
05 CONSERV USE OF WATE	62	56.4	4,515,188	5,685,412	0.3	5,445
06 DRAIN AND IRRIGATION	41	35.6	3,177,146	3,524,453	0.5	31,550
07 WATERSHED PROT & MG	90	95.5	9,452,258	11,251,705	2.5	43,566
09 WEATHER ADAPT & MOD	5	4.0	384,674	422,113	0.0	0
12 IMPROV RANGE RESOU	46	31.5	3,159,963	3,213,195	0.1	47,642
13 REMOTE SENSING	7	5.0	515,673	650,990	0.0	8,223
SUBTOTAL	164	338.2	30,047,061	34,629,534	5.8	264,925
IES 200						
01 CONTR FOST INSECTS	5	6.1	381,942	848,689	0.0	0
04 CNTR PESTS FRT & VE	33	69.1	6,846,533	7,931,510	2.4	179,667
05 CNTR DISE FRT & VEG	110	56.0	5,242,968	5,275,549	5.2	275,226
06 CNTR WEEDS FRT & VE	21	8.0	772,985	772,985	0.6	22,158
07 CNTR PESTS FLD CROP	198	154.4	14,283,135	14,596,797	3.3	250,944
08 CNTR DIS FIELD CROP	209	136.7	11,702,689	11,364,690	1.0	177,112
09 CNTR WEEDS FLD CROP	42	51.7	4,415,253	4,665,279	1.2	205,913
10 CONTR PESTS ANIMALS	24	33.9	3,595,510	3,601,994	0.4	40,469
11 CONTR DIS ANIMALS	141	145.3	24,226,219	24,731,528	7.2	615,343
12 CNTR INTER PARASITE	27	35.5	4,516,261	4,674,797	0.2	22,816
13 PROT ANIMALS FROM TOX	12	29.4	3,953,992	4,305,510	6.2	9,528
14 EFFECTS FROM POLLUT	11	8.6	672,243	763,790	0.0	0
SUBTOTAL	955	717.8	80,241,141	62,035,276	25.6	1,827,577
IES 300						
04 IMP BIO EFF PROT & V	64	61.1	5,106,291	5,353,147	1.5	63,432
05 MECH PROT FRT & VEG	18	14.9	1,024,359	1,043,675	0.0	0
06 PROD MGMT SYS F & V	3	0.8	65,455	95,423	0.0	0
07 IMP BIO EFF FLD CROP	203	175.0	14,561,534	15,781,431	2.4	130,109
08 MECH PROT FLD CROP	48	38.4	3,461,540	3,776,400	0.0	0
09 PROD MGMT SYS FLD C	10	3.5	370,571	370,571	0.0	0
10 ANIMAL REPRODUCTION	42	15.9	5,485,005	5,553,690	2.1	156,802
11 IMP BIO EFF ANML OP	92	55.7	6,721,553	8,722,662	0.7	72,222
12 ENV STRESS IN ANML	17	9.4	1,083,738	1,130,512	0.0	0
13 PROD MGMT SYS ANML	5	3.1	644,156	660,943	0.1	3,422
14 BEES OTH POLLINATING	29	33.9	2,567,516	2,593,751	1.0	67,568
15 IMP STRUC FARM SUPP	27	8.2	525,355	1,746,650	0.0	0
17 MECH/STRUCTURE ANML P	16	3.1	340,700	810,640	0.0	0
18 NON-COM RTO TECH/ET	169	207.4	17,222,128	18,166,941	3.9	209,631
SUBTOTAL	652	653.0	61,669,949	65,735,012	12.4	603,586
IES 400						
02 FOOD F & V IMP ACCR	35	10.3	963,178	971,706	0.0	0
03 NEW & IMP P&V FOOD	40	77.5	5,517,914	5,749,934	0.0	0
04 NKT QUAL FRTS & VEG	43	56.1	4,121,006	4,264,550	1.3	28,442
05 PROD FLD CROP IMP A	136	75.7	6,199,618	6,243,142	2.1	128,049
06 NEW IMP FOOD FLD C	59	110.6	7,607,004	7,660,770	0.0	0
07 NEW IMP NON-FOOD PC	53	99.9	6,972,848	6,936,594	0.0	0
08 NKT QUAL FLD CROP	64	51.5	3,891,061	3,974,593	0.2	11,760
09 PROD ANML PR IMP AC	15	6.9	1,476,258	1,478,727	0.0	0
10 IMP MEAT MILK EGG P	20	37.3	3,101,975	3,137,030	0.0	0
11 IMP NON-FOOD ANML P	16	40.0	2,400,072	2,843,989	0.0	0
12 NKT QUAL ANIMAL PRO	10	10.9	865,276	906,813	0.3	29,660
SUBTOTAL	549	587.5	43,729,310	44,470,302	3.9	219,911
IES 500						
01 IMP GRADES & STANDS	24	24.1	2,583,588	2,750,051	0.2	17,112
03 MKTG EFF AGRI PRODS	61	51.2	3,250,768	3,461,063	0.4	3,422
06 SPLY DEMAND AND PPI	1	0.2	8,606	8,606	0.0	0
09 PERFORMANCE MKTG SY	11	4.1	298,156	316,334	0.0	0
SUBTOTAL	101	80.6	6,141,160	6,405,754	0.6	20,534
IES 600						
01 TBCH AID DEV CRTV	16	15.6	536,227	824,220	4.9	228,558
04 PRD DVLPMT/MKTG PRG	17	26.9	1,839,746	1,942,875	0.0	0
SUBTOTAL	33	42.5	2,375,972	2,767,094	4.9	228,558
IES 700						
01 TOX RES IN FOOD	33	46.2	3,891,021	3,953,844	0.1	14,913
02 FOOD PROT FROM TOX	60	90.1	6,420,728	6,485,602	1.4	61,724
03 FOOD CONSUMP HABITS	9	56.0	3,728,316	6,028,316	0.0	0
04 HOME COMM FOOD SERV	3	7.3	145,367	477,784	0.0	9
05 SEL CLOTH & TE	4	5.0	258,174	258,174	1.0	13,760
06 CONTR INSECTS APF M	30	32.1	3,242,299	3,549,881	2.3	60,429
07 TRANS ANIMAL HAN DI	3	1.4	62,500	113,918	0.0	14,010
08 HUMAN NUTRITION	74	98.4	9,216,046	9,707,230	1.4	124,890
09 REDUCE HAZ HLTH & S	56	83.6	6,252,589	6,203,951	6.6	603,203
SUBTOTAL	272	419.1	33,216,539	36,058,899	12.8	912,908
IES 800						
01 RURAL HOUSING	5	4.0	355,339	565,640	0.0	0
02 INDIV & FAM DEC MAK	4	4.8	348,364	348,364	0.0	0
SUBTOTAL	9	8.8	703,703	913,904	0.0	0

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUND5 (GROSS) 1977	USDA CONTRACT/CA SYS 1977
1100 SOIL AND LAND	24	0.0	1,153,181	1,153,181	0.0
1200 WATER	2	0.0	62,450	62,450	0.0
1300 WATERSHEDS RIVER BAS	3	0.0	73,462	73,462	0.0
1400 FISH AND FISH PRODUCTS	1	0.0	235,600	235,600	0.0
1500 TIMBER FOREST PRODUCT	31	0.0	1,142,690	1,142,690	0.0
1700 FUR	8	0.0	266,110	266,110	0.0
1800 WILDLIFE AND BIRD	4	0.0	435,914	435,914	0.0
1900 DISTUS SUB TROP FEUT	2	0.0	99,729	99,729	0.0
2100 PEST WTS DICHOMUS	6	0.0	342,565	342,565	0.0
2200 POTATOES	1	0.0	133,167	133,167	0.0
2300 VEGETABLES	22	0.0	1,038,210	1,038,210	0.0
2400 ORNAMENTALS TROP	5	0.0	215,500	215,500	0.0
2500 CORN	1	0.0	217,419	217,419	0.0
2600 GRAIN SORGHUM	1	0.0	123,133	123,133	0.0
2700 RICE	1	0.0	5,000	5,000	0.0
2800 WHEAT	6	0.0	317,672	317,672	0.0
2900 OTHER SMALL GRAINS	5	0.0	908,126	908,126	0.0
3000 PASTURE	1	0.0	119,972	119,972	0.0
3100 COWAGE CROPS	6	0.0	258,949	258,949	0.0
3200 COTTON	6	0.0	356,713	356,713	0.0
3300 COTTONSEED	1	0.0	1,000	1,000	0.0
3400 HAY	17	0.0	1,602,098	1,602,098	0.0
3500 PEANUTS	1	0.0	218,725	218,725	0.0
3600 SUGAR BEETS	1	0.0	17,500	17,500	0.0
3700 MISC NEW CROPS	2	0.0	59,723	59,723	0.0
3800 CATTLE	3	0.0	165,592	165,592	0.0
3900 SHEEP CATTLE	12	0.0	1,091,349	1,091,349	0.0
4000 DAIRY CATTLE	7	0.0	1,042,251	1,042,251	0.0
4100 SWINE	9	0.0	633,441	633,441	0.0
4200 SHEEP AND WOOL	2	0.0	85,314	85,314	0.0
4300 OTHER ANIMALS	4	0.0	44,114	44,114	0.0
4400 FISH SUPP & FACILITE	2	0.0	257,989	257,989	0.0
4500 POC	11	0.0	382,454	382,454	0.0
4600 PEOPLE AS INDIVIDUAL	27	0.0	2,477,631	2,477,631	0.0
4700 FAMILY MEMBERS	17	0.0	1,724,121	1,724,121	0.0
4800 FARM AS BUSINESS	2	0.0	91,971	91,971	0.0
4900 SOC POLIT ORGANIZ	10	0.0	562,966	562,966	0.0
5000 AGRIC ECONOMY U S	1	0.0	60,000	60,000	0.0
5100 MARKETING SYSTEMS	4	0.0	210,000	210,000	0.0
5200 WEEDS	2	0.0	211,772	211,772	0.0
5300 ZIP DESIGN/STAT METH	3	0.0	224,959	224,959	0.0
5400 INVERTEBRATES	2	0.0	74,560	74,560	0.0
5500 PLANTORGANISMS, VIRUS	2	0.0	46,765	46,765	0.0
5600 PLANTS	59	0.0	2,818,169	2,818,169	0.0
5700 ANIMALS (VERTEBRATES)	31	0.0	119,091	119,091	0.0
5800 EQUIP & TECHNOL	2	0.0	32,900	32,900	0.0
TOTAL	384	0.0	21,903,036	21,903,036	0.0

102 SOIL TEST WITH WATER	19	0.0	233,673	233,673	0.0	233,673
103 MGMT OF SALINE SOIL	4	0.0	101,000	101,000	0.0	101,000
104 ALTERN USE OF LAND	1	0.0	20,300	20,300	0.0	20,300
105 CONSERVE USE OF WATER	1	0.0	9,000	9,000	0.0	9,000
107 WATERFISHED PROT & MGT	3	0.0	134,334	134,334	0.0	134,334
109 WEATHER ADAPT & MGT	1	0.0	27,948	27,948	0.0	27,948
111 BIOL CULT MGMT FISH	5	0.0	107,334	107,334	0.0	107,334
112 IMPROV WATERSHED RESOR	5	0.0	243,610	243,610	0.0	243,610
113 REMOTE SENSING	1	0.0	21,900	21,900	0.0	21,900
SUBTOTAL	39	0.0	1,132,726	1,132,726	0.0	1,132,726
SERIES 200						
201 CONTR FOREST INSECTS	23	0.0	945,957	945,957	0.0	945,957
202 CONTROL FOREST DISE	1	0.0	50,000	50,000	0.0	50,000
204 CONTR PESTS FRT & VE	1	0.0	204,108	204,108	0.0	204,108
205 CONTR WEEDS FRT & VE	8	0.0	244,737	244,737	0.0	244,737
206 CONTR WEEDS PRT & VE	4	0.0	341,361	341,361	0.0	341,361
207 CONTR PESTS FLD CROP	6	0.0	378,251	378,251	0.0	378,251
208 CONTR DISE FIELD CROP	10	0.0	512,845	512,845	0.0	512,845
209 CONTR WEEDS FLD CROP	7	0.0	161,547	161,547	0.0	161,547
210 CONTR PESTS ANIMALS	1	0.0	3,000	3,000	0.0	3,000
211 CONTR DISE ANIMALS	5	0.0	300,806	300,806	0.0	300,806
214 PROTECT FROM POLLUT	10	0.0	277,842	277,842	0.0	277,842
SUBTOTAL	91	0.0	3,419,584	3,419,584	0.0	3,419,584
SERIES 300						
304 IMP BIO EFF FRT & V	17	0.0	698,793	698,793	0.0	698,793
307 IMP BIO EFF FLD CRO	29	0.0	2,702,555	2,702,555	0.0	2,702,555
308 MECH FERT FIELD CRO	1	0.0	23,331	23,331	0.0	23,331
309 PROD MGMT SYS FLD C	2	0.0	30,500	30,500	0.0	30,500
310 ANIMAL REPRODUCTION	7	0.0	458,165	458,165	0.0	458,165
311 IMP BIO EFF ANML PH	4	0.0	1,425,915	1,425,915	0.0	1,425,915
312 PROD MGMT SYS ANML	6	0.0	470,360	470,360	0.0	470,360
315 IMP STRUC FARM SUPP	1	0.0	237,760	237,760	0.0	237,760
316 FARM BUSINESS MGMT	1	0.0	76,971	76,971	0.0	76,971
318 NON-COM BIO TECH/BI	4	0.0	415,610	415,610	0.0	415,610
SUBTOTAL	80	0.0	6,539,982	6,539,982	0.0	6,539,982
SERIES 400						
402 FERT ? F & V IMP ACCE	2	0.0	196,418	196,418	0.0	196,418
405 PROD FLD CROP IMP A	3	0.0	113,384	113,384	0.0	113,384
409 PROD ANML PR IMP AC	1	0.0	47,800	47,800	0.0	47,800
412 MGT QUAL ANIMAL PRO	1	0.0	88,200	88,200	0.0	88,200
SUBTOTAL	7	0.0	445,802	445,802	0.0	445,802
SERIES 500						
501 IME CHAOS & STANDS	1	0.0	24,200	24,200	0.0	24,200
503 MGT4 FRT AGRI PROCS	6	0.0	388,710	388,710	0.0	388,710
507 COMP REL IN AGRI	1	0.0	30,000	30,000	0.0	30,000
508 DOMESTIC MGT DEVELOP	4	0.0	16,900	16,900	0.0	16,900
509 PERFORMANCE MGT SV	3	0.0	171,600	171,600	0.0	171,600
510 GROUP ACCE MGT FOWER	1	0.0	15,000	15,000	0.0	15,000
511 IMP AGRI STATISTIC	1	0.0	100,124	100,124	0.0	100,124
SUBTOTAL	19	0.0	754,539	754,539	0.0	754,539
SERIES 600						
603 TECH AID DEV CTRY	2	0.0	46,765	46,765	0.0	46,765
SUBTOTAL	2	0.0	46,765	46,765	0.0	46,765
SERIES 700						
701 TOX RES IN FOOD	54	0.0	2,651,790	2,651,790	0.0	2,651,790
702 FOOD PROT FROM TOX	1	0.0	2,000	2,000	0.0	2,000
703 FOOD CONSUMP HABITS	12	0.0	692,762	692,762	0.0	692,762
707 DIETS ANIMAL MAN DI	1	0.0	1,000	1,000	0.0	1,000
708 HUMAN NUTRITION	19	0.0	1,575,573	1,575,573	0.0	1,575,573
709 REDUCE HAZ ULTH & S	2	0.0	259,192	259,192	0.0	259,192
SUBTOTAL	89	0.0	5,182,317	5,182,317	0.0	5,182,317
SERIES 800						
802 INDIV & FAM DEC MAK	0	0.0	689,403	689,403	0.0	689,403
803 RURAL POVERTY	5	0.0	373,643	373,643	0.0	373,643
804 ECON POTENT RURAL PR	7	0.0	347,027	347,027	0.0	347,027
805 COMMUNICAT RURAL PR	8	0.0	750,460	750,460	0.0	750,460
806 ADJUSTMENT TO CHANG	6	0.0	231,874	231,874	0.0	231,874
807 AGRI ECONOMIC CHAN	2	0.0	75,000	75,000	0.0	75,000
SUBTOTAL	36	0.0	2,467,407	2,467,407	0.0	2,467,407
SERIES 900						
904 ALTERN POLLUTION	13	0.0	689,256	689,256	0.0	689,256
902 OUTDOOR RECREATION	1	0.0	235,600	235,600	0.0	235,600
904 WDLFE AND FISH ECO	7	0.0	311,335	311,335	0.0	311,335
905 TREES DEAUTIFICATION	2	0.0	170,000	170,000	0.0	170,000
906 ORNAMENT & TURF DEV	3	0.0	75,500	75,500	0.0	75,500
907 RURAL INCOME IMP	6	0.0	171,460	171,460	0.0	171,460
908 RURAL INSTITUT IMP	7	0.0	258,744	258,744	0.0	258,744
SUBTOTAL	35	0.0	1,913,915	1,913,915	0.0	1,913,915
SCIENCE IN SERV OF MAN	397	0.0	21,903,036	21,903,036	0.0	21,903,036
GRAND TOTAL						

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	RBG FED APPR/ CSRS ADMINSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA
1000 SOIL AND LAND	21	22.5	1,103,760	1,213,540	
1010 WATER	26	8.2	521,911	592,991	
1020 WATERFEDS FIVES HAS	6	2.1	172,927	172,927	
1030 AGRI AND CLIMATE	9	5.7	290,000	377,000	
1040 LITUS AND TECH PROJ	12	5.0	263,503	296,501	
1050 FIELD NOTE RESEARCH	12	5.4	285,191	285,191	
1060 PROTECTORS	10	2.1	110,499	110,499	
1070 WEATHERS	12	9.2	426,185	426,185	
1080 CHAMBERLANDS TIME	1	0.0	2,022	2,022	
1090 SOIL	12	7.5	411,484	491,301	
1100 PLAIN SHERMAN	24	3.2	164,706	165,730	
1110 SOIL	24	3.2	167,204	161,290	
1120 IMPACT	27	6.9	152,137	154,124	
1130 OTHER SMALL GRAINS	23	2.2	104,724	110,072	
1140 FEEDAGE CROPS	22	2.1	107,553	107,653	
1150 COTTON	16	16.2	951,650	952,056	
1160 COTTONSEED	1	2.0	122,220	122,220	
1170 STYREANS	17	7.5	491,265	491,269	
1180 FRAMENTS	5	1.2	61,416	66,416	
1190 OTHER CILSEED PROPS	1	0.3	17,460	17,460	
1200 EQUITY	27	7.4	475,230	452,430	
1300 LBSF CATTLE	21	13.1	701,175	729,244	
1400 GRIPY CATTLE	17	13.8	762,881	764,481	
1500 SWINE	19	8.9	456,728	462,681	
1600 SHEEP AND WOOL	7	1.7	89,212	89,212	
1700 FARM SHEL & FACILITIES	10	25.2	1,274,760	1,228,760	
1800 FOOD	16	52.0	2,971,162	2,971,977	
1900 HOUSING & EQUIP	6	3.2	177,400	192,306	
2000 PEOPLE AS INDIVIDUAL	7	15.3	1,283,730	1,281,720	
2100 FAMILY MEMBERS	5	5.5	574,603	574,600	
2200 FARM AS BUSINESS	6	19.6	1,914,648	1,914,648	
2300 SOC POLIT ORGANIZ	22	26.3	1,389,730	1,507,703	
2400 AGRIC ECONOMY U S	18	35.9	3,574,616	3,635,124	
2500 AGRIC ECONOMY FOREIGN	24	86.7	3,882,364	3,884,964	
2600 OTH MARKET PROCESS	1	1.2	110,543	110,543	
2700 MARKETING SYSTEMS	5	20.4	1,291,442	1,245,942	
2800 RIE DESIGN/STAT METH	1	2.9	149,226	149,226	
2900 PLANTS	6	4.1	160,832	160,812	
3000 ANIMALS (PERCEPTRATES)	5	2.4	96,066	96,000	
3100 BSCB EQUIP & TECHNOL	1	1.0	49,742	49,742	
3200 UNCLASSIFIED	1	1.0	51,500	51,700	
TOTAL	519	458.3	27,418,114	28,054,606	

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA - ECONOMIC RESEARCH SERVICE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	RBG FED APPR/ CSRS ADMINSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA
SERIES 100					
103 MGMT OF SALINE SOIL	1	0.1	10,900	30,400	
104 ALTERN USE OF LAND	16	23.7	1,061,600	1,196,100	
105 ECON LEV PROJ GP WA	4	4.5	332,400	332,400	
SUBTOTAL	21	28.3	1,404,900	1,568,900	
SERIES 300					
309 FOOD MGMT SYS PLO C	2	3.2	216,111	216,111	
312 ENV STRESS IN ANML	1	1.2	84,060	84,060	
313 PROJ MGMT SYS ANML	1	1.2	51,163	51,163	
SUBTOTAL	4	5.6	351,334	351,334	
SERIES 500					
501 IMP GRADES & STANDS	2	1.2	55,134	61,402	
503 MGTG PPP AGRI PRODS	16	11.3	591,274	591,279	
506 SPLY DEMAND AND FBI	43	87.0	5,038,099	5,030,099	
507 COMP EBL IN AGRIC	8	12.1	482,752	481,752	
508 DOMESTIC MGT DEVELOP	9	13.7	755,463	760,278	
509 PERFORMANCE MGTG SY	32	57.8	3,316,594	3,316,594	
511 IMP AGRIC STATISTIC	1	3.9	198,968	198,968	
SUBTOTAL	110	187.0	10,440,209	10,452,372	
SERIES 600					
601 FGM MGT DEVELOP	24	80.7	3,882,364	3,884,964	
SUBTOTAL	24	80.7	3,882,364	3,884,964	
SERIES 700					
703 FOOD CONSUMP HABITS	3	12.5	679,615	679,615	
SUBTOTAL	3	12.5	679,615	679,615	

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	FED FED APPS/ CSRS ADMSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/UT/CA SYS 1977	WITH SAES AMOUNT 1977
COOPERATIVES	36	21.1	940,935	945,109	0.0	0
	36	21.1	940,935	945,109	0.0	0

D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROJECT AREA- FARM COOPERATIVE SERVICE FCS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	FED FED APPS/ CSRS ADMSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/UT/CA SYS 1977	WITH SAES AMOUNT 1977
0						
IMP ACT MKT TOWER	36	21.1	940,935	945,109	0.0	0
SUBTOTAL	36	21.1	940,935	945,109	0.0	0
N SERV OF HAY						
GRAND TOTAL	36	21.1	940,935	945,109	0.0	0

CLASSIFICATION CATEGORY	NO OF YEARS	SCIENTIST YEARS 1977	FEDERAL AGRICULTURE CENSUS ADMINISTRATION (FSCS) 1977	TOTAL FUNDS (\$000'S) 1977	USDA CONSTRUCTION SYS 1977
1100 SOIL AND LAND	4	10.2	1,030,260	1,134,720	0.0
1200 WATER	9	11.5	1,011,310	1,199,575	0.0
1300 WATERSHEDS RIVER BAS	13	94.6	5,081,406	10,418,140	0.0
1400 AIR AND CLIMATE	3	1.3	510,720	530,470	0.0
1500 RECREATION RESEARCH	17	24.7	3,331,424	3,477,769	0.0
1600 TIMBER FOREST PROTECT	155	712.1	61,607,215	67,116,016	0.0
1700 RANGE	16	22.7	2,429,251	2,561,541	0.0
1800 WILDLIFE AND FISH	10	56.5	3,331,674	4,497,365	0.0
1900 PLANTING & CULTIV	5	10.1	962,540	1,006,500	0.0
4100 THE FOREST ORGANIZ	1	2.0	240,600	240,600	0.0
TOTAL	312	951.5	86,332,400	92,411,300	0.0

TABLE II-2 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY REGIONAL AREA - U.S. FOREST SERVICE

CLASSIFICATION CATEGORY	NO OF YEARS	SCIENTIST YEARS 1977	FEDERAL AGRICULTURE CENSUS ADMINISTRATION (FSCS) 1977	TOTAL FUNDS (\$000'S) 1977	USDA CONSTRUCTION SYS 1977
SERIES 100					
102 SOIL PLANT WTR MGMT	1	2.0	177,320	178,320	0.0
105 CONSERV USE OF WATER	1	0.8	130,150	174,600	0.0
107 WATERSHED PROT & MG	36	58.4	8,614,956	10,241,855	0.0
108 ECON LEG PROT OF WA	1	1.1	71,100	79,290	0.0
110 AFFAIRS FOREST & RAN	12	57.6	7,461,820	7,506,875	0.0
111 BIOL CULT MGMT FOR	51	163.2	14,412,004	15,413,660	0.0
112 IMPROV RANGE RESOUR	5	4.5	1,020,260	1,067,510	0.0
SUBTOTAL	110	351.6	32,009,650	34,701,335	0.0
SERIES 200					
201 CONTR FOREST INSPECT	34	110.5	11,052,040	11,611,580	0.0
202 CONTROL FOREST DIS	23	58.7	4,977,982	5,142,257	0.0
203 FOREST FIRE PROTECT	20	70.3	6,798,435	7,136,150	0.0
204 PROTECT FROM FOLLIO	3	8.0	1,669,000	1,711,600	0.0
SUBTOTAL	80	247.6	24,498,457	25,601,587	0.0
SERIES 300					
301 GENET RESE FOREST T	12	35.4	3,285,530	3,377,110	0.0
302 IMP FOREST ENG SYS	6	14.1	1,863,900	2,174,800	0.0
303 ECON TIMBER PRODUCT	5	10.9	721,520	742,520	0.0
SUBTOTAL	23	60.4	5,870,950	6,294,430	0.0
SERIES 400					
401 NEW LNE FOREST PROD	27	113.3	10,456,060	10,902,230	0.0
SUBTOTAL	27	113.3	10,456,060	10,902,230	0.0
SERIES 500					
502 PRIC TIMBER PRODUCT	11	35.6	2,343,230	2,440,520	0.0
503 IMP GRADES FST REC	2	10.0	646,000	664,800	0.0
504 PRIC ANNUAL FST PRO	3	8.6	592,540	541,240	0.0
SUBTOTAL	16	54.2	3,581,770	3,646,560	0.0
SERIES 600					
601 RURAL HOUSING	2	6.0	486,700	529,100	0.0
SUBTOTAL	2	6.0	486,700	529,100	0.0
SERIES 900					
901 ALLIEN POLLUTION	5	19.1	1,666,850	2,016,340	0.0
902 OUTDOOR RECREATION	11	16.2	1,578,169	1,656,889	0.0
903 MULTI-USE FOREST FO	5	18.5	1,487,560	1,630,970	0.0
904 WILDLIFE AND FIS: ECO	28	56.2	4,220,754	4,619,849	0.0
905 TREES REPRODUCTION	2	3.2	270,600	292,520	0.0
907 RURAL INCOMP IMP	1	3.0	246,600	246,600	0.0
SUBTOTAL	60	116.2	9,478,553	10,463,168	0.0
SCIENCE IN SERV OF MAN					
GRAND TOTAL	327	951.5	86,332,400	92,411,300	0.0

ACTIVITY CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	RE: PED APPS/ CS6% ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/CA SYS 1977	WITH SAES AMOUNT 1977
IL AND LAND	1155	377.6	5,181,123	32,589,614	*	1,504,315
TER	716	202.2	2,350,166	17,284,213	*	613,843
RESERVOIRS RIVER BAS	143	34.2	473,015	3,190,997	*	214,218
R AND CLIMATE	136	64.2	557,147	5,138,875	*	214,629
CREATION RESOURCES	194	50.0	591,592	3,342,820	*	115,645
WATER FOREST PRODUCT	1260	462.9	7,917,303	35,972,939	*	1,897,907
NCE	255	71.5	671,335	6,518,825	*	156,387
LIFE AND FISH	643	186.1	1,812,997	17,037,164	*	604,274
THUS SUB TOP FRUIT	281	126.1	889,820	10,622,798	*	212,058
UIT NUTS DECIDUOUS	999	311.6	4,966,241	29,296,340	*	579,926
TALGES	132	86.1	1,420,602	7,197,345	*	178,561
STABLES	1283	341.6	5,610,143	33,530,449	*	1,110,080
NAMENTALS TURF	581	209.3	2,378,993	15,456,344	*	148,231
RY	767	176.6	2,549,630	15,578,238	*	147,629
AIN SORGHUM	291	52.4	618,743	4,396,649	*	72,968
CE	101	38.2	217,243	3,065,123	*	67,316
EAT	601	140.6	1,852,845	11,630,689	*	431,159
HER SMALL GRAINS	391	79.6	1,146,361	7,351,123	*	737,327
STURE	171	37.7	352,406	3,546,576	*	174,791
RAGE CROPS	845	241.9	3,561,744	20,208,515	*	681,786
TION	189	137.4	1,463,061	13,176,638	*	693,255
TRANSFER	11	3.1	84,641	245,561	*	22,567
YEARS	776	209.6	3,152,607	17,912,780	*	1,433,327
AMOTS	196	48.3	466,746	4,096,069	*	347,657
HER OILSEED CROPS	86	14.7	144,315	1,401,025	*	59,582
WACCO	166	63.2	820,056	6,079,461	*	40,486
BAR CROPS	178	57.1	855,748	4,503,213	*	28,128
SC NEW CROPS	112	27.2	329,532	2,516,611	*	45,355
ULTRY	733	249.4	5,551,564	24,724,640	*	688,962
EF CATTLE	1143	392.8	6,312,315	55,179,267	*	2,622,846
IFY CATTLE	1032	326.9	7,408,857	37,362,382	*	830,920
INE	545	157.5	3,317,530	20,709,756	*	1,083,060
EZP AND WOOL	347	77.1	1,524,199	11,191,155	*	173,423
HER ANIMALS	378	106.0	1,187,070	8,759,757	*	303,360
ES AND HONEY	43	17.8	211,420	1,071,275	*	34,290
RM SHIP & FACILITIES	103	27.9	384,747	2,252,452	*	329,028
OTHING & TEXTILES	67	18.8	316,877	913,275	*	61,299
OP	500	155.5	3,060,236	12,881,570	*	1,250,254
USING & EQUIP	207	59.3	626,025	4,676,696	*	459,440
OPLE AS INDIVIDUAL	710	195.6	2,960,999	15,217,110	*	2,108,349
MILY MEMBERS	217	48.4	889,025	3,361,701	*	605,225
RM AS BUSINESS	178	60.9	1,206,945	3,459,467	*	236,104
C POLIT ORGANIZ	456	131.1	3,169,482	8,448,574	*	678,691
RIC ECONOMY D S	101	31.4	533,579	2,278,015	*	146,635
RIC ECONOMY FORGY	25	10.9	86,314	1,051,436	*	463,471
RM COOPERATIVES	45	7.5	229,321	604,793	*	152,731
RM MARKET PROCESS	31	6.5	171,222	532,351	*	5,585
MARKETING SYSTEMS	102	26.5	737,010	1,759,034	*	260,311
FDS	54	11.9	185,123	984,023	*	45,275
ED RESEARCH	26	9.6	89,153	937,143	*	5,121
MO CELL SYSTEMS	208	32.8	685,675	7,354,079	*	24,170
P DESIGN/STAT METH	60	27.4	167,696	2,148,748	*	314,705
VEGETERATES	247	106.7	771,335	8,685,186	*	110,947
PROORGANISMS,VIRUS	223	82.4	693,624	7,176,006	*	40,722
ANTS	601	220.5	2,724,007	19,545,381	*	812,614
IMALS(VEGETERATES)	286	112.7	1,014,853	11,111,860	*	140,799
RESEARCH ON RSCH AGH	27	10.8	197,266	741,865	*	126,329
CH EQUIP & TECHNOL	101	27.0	251,669	2,551,619	*	54,396
CLASSIFIED	47	127.9	1,055,217	14,229,212	*	607,109
	21909	6918.6	103,396,903	621,854,521	*	26,028,427

107 CATTLE USE OF WATER	237	57.9	556,295	2,422,287
108 GRAIN AND FEEDSTUFFS	237	26.7	236,787	2,117,005
109 WATERBURY PROOF & AG	150	53.5	561,262	1,171,741
109 ECCEY 12, FEED OF VA	44	13.8	116,416	1,171,741
109 WEATHER ADAPT & MOD	107	33.3	434,431	1,171,741
110 ALLEGES FOREST & GAN	114	25.6	322,797	1,171,741
111 CATTLE CATTLE FEEDS	407	116.0	2,411,147	10,125,740
112 CATTLE CATTLE FEEDS	171	49.1	625,641	4,931,159
113 REMOTE SENSING	51	13.0	167,167	1,171,741
114 RECH GEN MGMT OF FSC	27	10.6	191,286	1,171,741
SUBTOTAL	2362	711.8	9,627,767	42,658,137

SERIES 200				
201 CATTLE FOREST INSECTS	156	61.1	862,299	5,251,661
202 CATTLE FOREST INSECTS	136	38.4	844,324	2,416,927
203 FOREST FIRE PROTECT	20	2.3	6,324	2,416,927
204 CATTLE FEEDS FST & VE	352	129.4	1,484,523	10,444,429
205 CATTLE FEEDS FST & VE	652	215.1	2,371,150	16,085,022
206 CATTLE FEEDS FST & VE	165	48.8	650,272	3,646,191
207 CATTLE FEEDS FST & VE	393	165.9	2,621,710	14,450,116
208 CATTLE FEEDS FST & VE	662	212.6	3,032,401	16,086,456
209 CATTLE FEEDS FST & VE	285	87.5	1,240,574	7,981,643
210 CATTLE FEEDS ANIMALS	51	29.5	403,243	2,421,776
211 CATTLE FEEDS ANIMALS	479	243.9	3,260,514	22,534,420
212 CATTLE FEEDS ANIMALS	94	31.9	535,156	3,127,630
213 FEED ANIMALS FROM TOI	89	20.1	315,454	2,066,693
214 PROTECT FROM TOLLIT	229	56.7	689,254	5,363,604
SUBTOTAL	3935	1343.1	18,319,536	112,273,106

SERIES 333				
331 GENET BREED PROTECT	132	37.1	1,058,205	3,278,141
332 IMP FOREST ENG SYS	27	11.7	150,380	761,306
333 PCUM TIMBER PROTECT	50	14.2	234,441	1,215,471
334 IMP BIO EFF FST & V	1001	384.2	3,744,924	30,523,452
335 RECH FOOD FST & VEG	164	46.2	624,185	3,502,691
336 FOOD MGMT SYS F & V	21	21.2	267,932	1,594,690
337 IMP BIO EFF FST & V	1581	642.9	7,240,922	60,615,957
338 RECH FOOD FST & VEG	115	30.6	470,305	2,002,445
339 FOOD MGMT SYS FST & V	190	45.6	657,439	4,210,115
340 ANIMAL REPRODUCTION	433	166.7	3,751,213	21,732,141
341 IMP BIO EFF ANML PR	1264	465.2	9,560,466	67,716,819
342 IMP STRASS IN ANML	172	66.1	1,023,803	7,516,580
343 FOOD MGMT SYS ANML	272	63.0	971,351	9,316,702
344 RECH OTH POLLUTING 1	43	17.8	211,420	1,071,725
345 IMP STRASS FARM SUPP	109	37.9	341,093	3,504,344
346 FARM BUSINESS MGMT	136	49.4	1,041,085	2,808,506
347 RECH/STRUCTS ANML F	66	12.3	172,557	1,079,294
348 RECH/COM SIO TECH/BI	1931	816.9	3,433,034	35,023,114
SUBTOTAL	6847	2513.1	34,956,813	259,132,277

SERIES 400				
401 NEW IMP FOREST PROTECT	156	100.5	1,148,442	6,011,163
402 FOOD F & V IMP ACCE	230	46.9	569,519	1,999,100
403 NEW & IMP FST PROTECT	243	71.5	1,133,657	5,385,140
404 MGT QUAL FST & VEG	196	60.5	1,459,107	4,941,076
405 FOOD FST PROTECT	233	68.7	967,162	5,511,735
406 NEW IMP FOOD FST CB	134	36.8	722,189	3,198,930
407 NEW IMP NON-FOOD FC	50	15.2	245,897	1,165,686
408 MGT QUAL FST PROTECT	95	22.5	419,197	1,682,943
409 FOOD ANML FR IMP AC	172	43.8	1,422,974	5,011,274
410 IMP MGMT KILK EGG G	279	86.4	2,157,030	7,369,349
411 IMP NON-FOOD ANML F	21	3.9	55,176	364,050
412 MGT QUAL ANIMAL PRO	124	31.2	864,634	2,804,497
SUBTOTAL	1921	588.0	11,165,025	47,637,923

SERIES 500				
501 IMP GRACES & STANDS	70	19.9	430,764	1,486,083
502 MGT TIMBER PROTECT	28	6.3	127,728	350,062
503 MGT EFF ACRI PROTECT	226	56.7	1,797,359	3,933,773
506 SPLY DEMAND AND PRI	165	43.5	1,454,132	2,924,778
507 CONP REL IN AGRIC	57	8.5	284,408	551,737
508 DOMESTIC MGT DEVELP	57	8.7	212,085	552,055
509 PERFORMANCE MGT SY	156	50.4	1,550,629	3,033,317
510 GROUP ACT MGT POWER	32	5.6	152,185	460,115
511 IMP AGRIC STATISTIC	29	8.0	95,595	787,675
512 IMP GRADES FST PRO	16	3.6	32,049	209,351
513 FSTCE ANML FST PRO	17	4.9	125,802	330,297
SUBTOTAL	851	216.1	6,192,827	14,629,039

SERIES 600				
601 FGM MGT DEVELP	55	13.2	409,667	1,001,720
602 EVAL FGM FOOD AID P	3	0.3	9,977	22,251
603 TECH AID DEV CRTT	43	19.0	22,911	1,114,102
604 FSC CULPMT/MGTG PRG	10	0.8	10,427	66,889
SUBTOTAL	111	33.3	453,002	2,227,943

SERIES 700				
701 TOI RES IN FOOD	137	56.0	1,091,578	5,055,625
702 FOOD PROTECT FROM TOX	190	58.9	1,134,586	4,939,787
703 FOOD CONSUMP HABITS	190	45.1	678,292	2,892,836
704 HOME CORN FOOD SERV	55	10.6	269,704	781,580
705 SEL CARE CLOTH & TR	61	17.8	286,328	840,176
706 COMTS INSECTS APP A	106	41.6	418,027	2,000,000

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PROJ FEO APPH/ CSRS ADMINSTRN (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CCM/GT/CA SYS 1977	WITH SALES AMOUNT 1977
ROJ						
URAL HUNTING	24	14.3	214,801	762,423	*	92,673
NDIV & PAN DEC MAK	157	10.3	609,613	2,033,161	*	186,255
URAL POVERTY	39	9.4	177,629	596,787	*	186,073
CON POTENT ENR PL	108	24.4	607,363	1,811,672	*	348,084
COMMUNICAT ENR PL	131	29.6	316,980	2,762,300	*	245,622
ADJUSTMENT TO CHANG	172	43.7	894,492	3,014,396	*	286,766
GRIC ECONOMIC CHAS	116	12.4	513,077	2,117,297	*	167,635
OVIT PROGRAM	35	6.5	175,070	518,725	*	37,162
SUBTOTAL	837	172.6	3,529,125	11,621,763	*	1,550,275
GOJ						
LEV POLLUTION	704	247.2	3,730,846	21,859,585	*	1,606,570
UTBOOS RECREATION	172	47.3	911,237	3,129,925	*	109,925
ULTI-USE-FOREST CO	76	13.2	283,019	932,143	*	76,753
DLIFE AND FISH ECO	547	163.1	1,539,677	15,311,673	*	561,185
PROFS BEAUTIFICATIO	47	26.5	302,552	2,296,566	*	82,372
ENRMENT & TURF DEV	563	200.9	2,311,952	14,667,172	*	105,394
URAL INCOME IMP	180	46.6	1,014,145	2,837,663	*	454,363
URAL INSTTUT IMP	293	74.3	2,103,663	5,368,401	*	397,294
UNCLASSIFIED	47	127.9	1,055,217	14,229,212	*	607,189
SUBTOTAL	2681	951.2	13,315,511	80,340,141	*	4,001,052
IN SERV OF MAN						
GRAND TOTAL	20721	6919.6	133,396,403	621,954,521	*	28,020,427

CLASSIFICATION CATEGORY	NO OF (FCU)	SCIENTIST YEARS 1977	REG FED AFRP/ CSRS ADMINSTR (GROSS) 1977	TOTAL FUNDUS (GROSS) 1977	USDA CUMULATIVE SIS 1977
1100 SOIL AND LAND	162	54.6	1,023,967	3,570,453	*
1200 WATER	27	30.7	432,364	1,615,561	*
3100 WATER-SEDIMENT RIVER BAS	19	4.1	64,619	200,106	*
3200 AIR AND CLIMATE	23	4.9	83,260	365,577	*
3300 RECREATION RECREATION	61	12.1	367,115	766,506	*
3400 THROUGH TRAIL PRODUCE	202	75.8	1,710,288	4,721,598	*
3500 RANGE	2	0.5	66,576	126,201	*
3600 WILDLIFE AND FISH	143	31.8	403,301	1,215,178	*
3700 WILDLIFE SUB TOPIC	3	0.2	7,366	26,250	*
3800 FOREST SUB TOPIC	256	97.9	1,787,533	6,649,133	*
3900 FOREST SUB TOPIC	82	23.9	631,517	2,006,983	*
4100 FOREST	246	75.0	1,313,109	5,351,363	*
4200 FOREST	123	33.6	641,308	2,531,219	*
4300 FOREST	92	23.8	465,365	1,619,010	*
4400 FOREST	1	0.1	2,457	4,445	*
4500 FOREST	1	0.1	871	3,925	*
4600 FOREST	22	2.9	59,571	252,794	*
4700 FOREST	22	2.3	35,320	218,523	*
4800 FOREST	3	0.1	3,615	16,246	*
4900 FOREST	130	25.4	551,734	2,351,632	*
5100 COTTON	2	0.2	1,651	38,776	*
5200 COTTON	1	0.1	0	4,299	*
5300 COTTON	64	15.2	164,226	604,660	*
5400 COTTON	3	0.3	1,366	43,100	*
5500 COTTON	3	0.2	2,162	53,812	*
5600 COTTON	22	7.7	111,000	475,764	*
5700 COTTON	1	0.3	2,130	5,626	*
5800 COTTON	7	1.2	21,317	75,067	*
5900 COTTON	154	60.6	1,443,470	5,540,704	*
6100 COTTON	75	16.6	365,667	1,711,264	*
6200 COTTON	215	65.7	1,449,452	6,530,880	*
6300 COTTON	39	9.2	48,092	725,965	*
6400 COTTON	43	9.1	195,117	799,270	*
6500 COTTON	104	37.3	291,465	2,599,279	*
6600 COTTON	7	2.7	45,779	162,441	*
6700 COTTON	9	2.4	35,916	151,048	*
6800 COTTON	6	1.6	39,237	76,770	*
6900 COTTON	91	29.4	769,093	2,582,457	*
7000 COTTON	33	11.7	161,140	794,105	*
7100 COTTON	130	43.2	701,793	3,129,512	*
7200 COTTON	21	3.3	81,728	669,719	*
7300 COTTON	19	7.1	145,579	401,512	*
7400 COTTON	93	33.2	931,702	2,136,307	*
7500 COTTON	13	3.3	57,499	167,215	*
7600 COTTON	7	5.6	21,109	133,309	*
7700 COTTON	1	0.2	10,138	40,334	*
7800 COTTON	6	3.6	50,745	168,602	*
7900 COTTON	10	3.2	112,708	157,283	*
8000 COTTON	5	0.9	46,555	94,434	*
8100 COTTON	10	3.2	25,410	134,179	*
8200 COTTON	32	12.7	235,794	1,006,609	*
8300 COTTON	7	2.6	26,943	149,979	*
8400 COTTON	31	18.6	129,129	1,219,913	*
8500 COTTON	51	14.1	212,441	1,155,637	*
8600 COTTON	92	39.1	698,322	2,247,216	*
8700 COTTON	32	13.3	137,201	750,695	*
8800 COTTON	20	4.7	72,712	172,169	*
8900 COTTON	9	21.1	66,436	3,099,960	*
TOTAL	3082	1003.2	18,712,423	76,267,254	*

CLASSIFICATION CATEGORY	SC OF PROD	SCIENTIST (FAPS 1977	REG. ED. APPR. CSRS ADMSTR (GROSS) 1977	(INCLUDES SALES-FORESTRY SCH-OTHER INST) TOTAL FUNDUS (GROSS) 1977	USDA CON/ST/CA SYS 1977	WITH SALES ACCOUNT 1977
SERIES 100						
101 AFFAIRS OF SOIL RES	27	5.6	106,393	659,886	*	4,166
102 SOIL PLNT MPT NUTRI	56	10.9	381,326	1,358,244	*	39,922
103 MGMT OF SALINE SOIL	1	0.5	1,256	1,256	*	0
104 ALTERN USE OF LAND	28	9.2	228,247	550,592	*	10,733
105 CONSERV USE OF WATS	11	2.5	63,531	190,726	*	0
106 SPAIR AND IRRIGATION	4	0.5	26,403	55,643	*	0
107 WATERSHED PROT & MG	17	4.5	91,960	372,715	*	10,666
108 ECON LEG PROD OF MA	6	2.2	17,621	92,294	*	6,910
109 WEATHER ADAPT & MOD	15	2.6	50,120	192,205	*	2,500
110 AFFAIRS FOREST & RAN	13	2.7	73,937	184,869	*	0
111 SOIL CULT MGMT FORS	62	14.4	444,215	1,131,554	*	26,055
112 IMPROV RANGE RESOR	1	0.5	67,739	120,510	*	0
113 WETOTE SENSING	13	1.5	10,875	124,536	*	9,175
SUBTOTAL	254	69.6	1,595,911	4,715,389	*	122,750
SERIES 200						
201 CNTRL FOREST INTERCTS	35	16.9	286,119	1,491,656	*	94,544
202 CONTROL FOREST DIS	16	6.1	113,348	336,776	*	1,073
203 FOREST FIRE PROTECT	1	0.2	0	11,110	*	0
204 CNTR PESTS FRT & VE	74	26.6	388,170	1,907,559	*	108,334
205 CNTR WEEDS FRT & VEG	116	43.9	682,748	2,738,682	*	102,862
206 CNTR PESTS FLD CROP	31	8.1	197,265	635,193	*	7,272
207 CNTR PESTS FLD CROP	30	7.1	140,074	727,179	*	147,572
208 CNTR DIS FIELD CROP	49	13.9	293,649	923,485	*	1,377
209 CNTR WEEDS FLD CROP	21	5.7	170,245	426,599	*	15,688
210 CNTR PESTS ANIMALS	11	2.8	52,288	263,075	*	7,155
211 CNTR DIS ANIMALS	102	62.9	766,287	4,406,274	*	39,637
212 CNTR INTER PARASITE	10	5.3	49,777	227,824	*	0
213 PROT ANIMS FROM TOX	10	6.1	9,611	27,634	*	0
214 PROTECT FROM POLLUT	36	11.6	255,727	803,767	*	16,657
SUBTOTAL	546	216.2	3,341,716	16,790,513	*	541,135
SERIES 300						
301 GENEL GREENE FOREST T	12	4.0	159,725	291,461	*	11,499
302 IMP FOREST ENG SYS	4	2.4	55,110	143,020	*	0
303 ECOS TIMBER PROTECT	6	1.6	21,552	56,028	*	0
304 IMP BIO EFF FRT & V	161	55.3	972,597	4,070,431	*	28,175
305 MECH PROD FRT & VEG	28	9.4	219,216	617,422	*	13
306 PROD MGMT SYS F & V	9	2.8	65,490	141,059	*	3,211
307 IMP BIO EFF FLD CROP	111	34.3	589,373	2,591,655	*	200,505
308 MECH PROD FLD CROP	7	2.4	48,071	125,908	*	0
309 PROD MGMT SYS FLD C	19	3.7	95,756	462,395	*	10,066
310 ANIMAL REPRODUCTION	42	17.0	407,158	1,729,592	*	0
311 IMP BIO EFF ANML PR	163	55.0	1,248,491	6,180,508	*	47,005
312 ENV STRUC IN ANML	20	7.2	175,266	494,651	*	0
313 PROD MGMT SYS ANML	21	4.5	40,454	963,791	*	42,022
314 HEBS OTH POLLUTING I	7	2.7	45,779	162,441	*	1,000
315 IMP STRUC FARM SUPP	21	6.8	100,436	524,577	*	90,205
316 FARM BUSINESS MGMT	14	7.5	104,190	367,516	*	3,108
317 MECH/STRUCTS ANML I	9	2.1	26,103	137,189	*	0
318 NON-COM BIO TECH/BI	104	69.6	806,752	4,952,217	*	38,005
SUBTOTAL	838	203.4	5,405,567	23,990,812	*	477,012
SERIES 400						
401 NEW IMP FOREST PROD	38	17.1	252,352	841,174	*	13,405
402 PROD F & V IMP ACCE	40	9.5	94,573	555,443	*	2,177
403 NEW & IMP FRY PROD	17	15.6	193,458	907,696	*	174
404 MKT QVAL FRTS & VEG	52	23.3	706,237	1,650,866	*	23,092
405 PROD FLD CROP IMP A	17	4.8	80,044	401,586	*	40,787
406 NEW IMP FOOD FLD CR	11	2.3	19,825	180,423	*	33,133
407 NEW IMP NON-FOOD FC	2	0.4	4,933	74,439	*	0
408 MKT QVAL FLD CROP	5	1.6	65,366	229,270	*	5,122
409 LEAD ANML PR IMP AC	18	5.1	149,895	476,991	*	0
410 IMP MEAT MILK PROD F	47	13.2	213,176	1,244,612	*	0
411 IMP NON-FOOD ANML P	2	0.0	516	4,423	*	0
412 MKT QVAL ANIMAL PRO	23	6.8	236,316	591,414	*	5,122
SUBTOTAL	311	96.1	2,016,692	7,172,757	*	123,012
SERIES 500						
501 IMP GRADES & STANDS	7	1.6	33,756	104,876	*	30
502 MKTG TIMBER PRODUCT	4	1.1	23,710	61,605	*	8,038
503 MKTG EFF AGRI PROGS	11	8.0	212,969	421,916	*	35,540
506 SUPPLY DEMAND AND PRI	22	7.3	229,711	353,138	*	0
507 COMP REL IN AGRIC	7	0.9	26,976	53,508	*	1,008
508 DOMESTIC MKT DEVELOP	5	0.8	19,754	81,467	*	0
509 PERFORMANCE MKTG SY	22	8.5	279,850	449,192	*	30,911
510 GROUP ACT MKT POWER	3	0.3	10,330	17,968	*	0
511 IMP AGRIC STATISTIC	3	1.0	15,093	41,449	*	0
512 IMP GRADPS FIRST PRO	1	0.1	1,683	3,285	*	0
513 PRICE ANAL FIRST PRO	2	0.3	9,131	12,699	*	0
SUBTOTAL	107	29.4	862,975	1,601,303	*	75,522
SERIES 600						
601 FOR MKT DEVELOP	4	1.6	45,020	110,260	*	0
602 EVAL FOR FOOD AID F	1	0.1	0	5,436	*	0
603 TECH AIG DEV CRTY	6	6.5	2,637	135,730	*	0
SUBTOTAL	11	8.2	47,657	251,436	*	0

CATEGORY	OF 1964	YEARS 1977	CSRS ADJUSTED (GROSS) 1977	(GROSS) 1977
SERIES 600				
601 RURAL HOUSING	4	3.0	15,350	128,087
602 INDIV & FAN DEC MAK	16	1.0	52,505	334,065
603 RURAL POVERTY	1	0.6	14,950	16,764
604 ECON POTENT RURAL PE	12	6.2	35,762	414,983
605 COMMUNICAT RURAL PE	46	3.8	31,849	296,495
606 ADJUSTMENT TO CHANG	15	4.8	102,404	421,840
607 AGRIC ECONOMIC CHAM	5	1.5	20,680	91,810
SUBTOTAL	101	28.9	377,447	2,224,547
SERIES 900				
901 ALLEY POLLUTION	139	53.5	913,123	3,835,725
902 OUTDOOR RECREATION	40	10.4	232,421	673,509
903 MULTI-USE-FOREST PO	17	4.9	123,245	290,310
904 WILDLIFE AND FISH ECO	100	31.6	155,598	2,844,845
905 TREES REAFFORESTATIO	12	4.8	123,762	251,508
906 ORNAMENT & TURF DEV	121	30.0	635,255	2,499,833
907 RURAL INCOME IMP	27	9.4	278,833	497,239
908 RURAL INSTITUTE IMP	63	22.6	665,329	1,610,267
909 UNCLASSIFIED	5	21.1	66,436	3,059,960
SUBTOTAL	537	191.6	3,416,007	15,647,195
SCIENCE IN SERV CP MAN				
GRAND TOTAL	2917	1303.2	18,732,423	76,267,254

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	BEG FED APPS/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	INCLUCES SALES - FORESTRY / SCH-OTHER INST USDA COM/UT/CA WITH SALES SYS 1977	AMOUNT 1977
00 SOIL AND LAND	313	131.8	1,137,906	7,909,789	*	634,715
00 WATER	194	83.1	702,329	4,923,362	*	392,903
00 WATERSHEDS RIVER BAS	30	11.0	165,264	762,778	*	62,383
00 AIR AND CLIMATE	24	3.9	61,233	379,027	*	1,593
00 RECREATION RESOURCES	39	10.3	143,065	674,183	*	50,686
00 TIMBER FORST PRODUCT	191	146.0	2,887,372	11,904,245	*	674,616
00 RANGE	54	12.0	149,311	1,374,895	*	5,093
00 WILDLIFE AND FISH	220	83.5	940,868	4,793,791	*	303,714
00 CITRUS SUB TROP FRUIT	131	70.0	518,531	4,150,517	*	57,206
00 PRODUCTS PECUOUS	330	109.7	1,522,046	4,741,357	*	302,523
00 POTATOES	35	7.5	80,113	604,851	*	9,227
00 VEGETABLES	468	203.0	2,133,767	14,326,236	*	631,245
00 ORNAMENTALS SHIP	203	90.6	1,004,467	4,235,815	*	70,658
00 CORN	221	43.0	664,016	3,621,127	*	34,301
00 GRAIN SCIRHUM	136	22.4	285,332	2,025,171	*	43,269
00 RICE	76	29.7	189,961	2,107,749	*	52,977
00 WHEAT	121	22.5	349,067	1,762,463	*	40,276
00 OTHER SMALL GRAINS	104	22.7	284,144	1,919,435	*	695,424
00 PASTURE	101	24.8	204,030	2,213,170	*	141,227
00 FORAGE CROPS	297	93.2	1,116,610	7,997,092	*	710,406
00 COTTON	288	94.7	1,467,069	9,885,768	*	742,341
00 COTTONSEED	10	1.7	31,303	128,309	*	22,567
00 SOYBEANS	392	106.0	1,699,648	9,219,980	*	637,067
00 PEANUTS	140	47.3	462,726	4,047,570	*	347,634
00 OTHER OILSEED CROPS	16	1.5	5,617	149,270	*	8,496
00 TOBACCO	130	53.1	689,903	5,448,181	*	90,488
00 SUGAR CROPS	60	17.1	663,905	2,795,732	*	21,153
00 MISC NEW CROPS	42	8.2	164,551	555,213	*	5,913
00 POULTRY	294	95.3	2,140,406	9,773,017	*	564,516
00 DEEP CATTLE	499	170.0	3,517,652	21,087,334	*	1,120,694
00 DAIRY CATTLE	327	116.2	2,631,141	13,256,449	*	432,575
00 SWINE	190	57.2	1,345,892	6,837,026	*	387,634
00 SHEEP AND WOOL	82	14.0	346,739	1,771,054	*	52,268
00 OTHER ANIMALS	105	36.7	460,559	2,720,854	*	265,513
00 EGGS AND HONEY	5	2.0	21,981	98,225	*	11,754
00 FARM SUPPL & FACILITIES	26	10.6	102,159	669,436	*	284,825
00 CLOTHING & TEXTILES	24	6.6	104,448	296,071	*	81,299
00 FOOD	144	45.1	913,870	3,153,210	*	679,734
00 HOUSING & EQUIP	59	17.2	161,265	1,135,984	*	221,758
00 PEOPLE AS INDIVIDUAL	231	58.7	1,002,364	4,216,255	*	1,448,970
00 FAMILY MEMBERS	75	16.3	253,465	939,180	*	397,644
00 FARM AS BUSINESS	68	25.8	480,971	1,445,179	*	192,934
00 SOC POLIT ORGANIZ	131	37.2	935,852	2,205,156	*	434,155
00 AGRIC ECONOMY U S	21	9.5	89,879	541,250	*	30,507
00 FARM COOPERATIVES	14	2.7	42,093	245,667	*	145,532
00 GEN MARKET PROCESS	16	2.2	51,754	176,270	*	0
00 MARKETING SYSTEMS	23	8.0	170,763	551,716	*	173,790
00 WEEDS	21	3.6	37,881	277,755	*	31,248
00 SEED RESEARCH	4	0.7	37,260	104,970	*	5,091
00 BIO CELL SYSTEMS	36	12.1	106,566	1,070,462	*	13,284
00 EXP DESIGN/STAT METH	10	6.2	21,502	512,463	*	10,484
00 INVERTEBRATES	61	23.2	159,396	1,534,708	*	17,151
00 MICROORGANISMS, VIRUS	46	24.6	154,609	2,061,349	*	49,176
00 PLANTS	163	55.1	934,943	5,382,456	*	389,439
00 ANIMALS (VERTEBRATES)	65	15.9	254,405	1,582,617	*	37,470
00 RESEARCH ON RESCH MCH	6	5.6	175,600	375,709	*	0
00 RESCH EQUIP & TECHNOL	17	4.3	11,217	139,671	*	0
00 UNCLASSIFIED	15	62.4	303,920	4,961,946	*	205,294
TOTAL	7366	2463.9	36,656,342	212,655,591	*	14,288,914

100 CATTLE PLANT W/FE MOUNT	11	3.4	15,328	308,311
101 PLANT OF SPALINE SOIL	10	10.9	173,402	620,173
102 ALTERN USE OF LAND	38	13.4	107,078	1,072,376
103 CONCRETE USE OF WATER	22	6.2	45,132	351,934
104 CRAIN AND IRRIGATION	37	9.6	182,586	1,628,544
105 WATERFISHED FROM C M/G	10	4.9	42,563	203,907
106 SUCH LEG FROD OF WA	15	2.9	33,641	214,753
107 WEATHER PLANT & MOUNT	30	7.2	117,689	421,400
110 AFFAIRS FOREST & PAN	120	37.2	867,388	2,995,466
111 SILE CULS MOUNT ROSS	42	10.6	133,930	1,133,094
112 IMPROV RANGE FROD	7	2.9	43,605	263,115
113 FROD RENSING	5	5.6	175,400	376,705
114 SUCH ON MOUNT OF FRO	526	184.6	2,699,466	15,290,184
SUBTOTAL				
SERIES 200				
201 CATTLE FOREST INSECTS	67	27.7	269,479	2,143,127
202 CONTROL FOREST DIS	50	18.5	383,730	1,127,758
203 FOREST FIRE PROTECT	11	0.9	0	97,764
204 CATTLE PESTS FROD & VEG	110	44.1	477,777	3,227,467
205 CATTLE PEST FROD & VEG	232	76.7	704,774	5,097,710
206 CATTLE PEST FROD & VEG	57	20.2	218,722	1,182,334
207 CATTLE PESTS FROD CROD	232	76.5	1,306,453	6,703,454
208 CATTLE PESTS FROD CROD	290	97.9	1,354,135	7,128,560
209 CATTLE PESTS FROD CROD	126	44.0	591,455	4,050,752
210 CATTLE PESTS ANIMALS	39	16.4	262,440	1,265,677
211 CATTLE DIS ANIMALS	130	65.2	612,090	5,250,273
212 CATTLE INSECT PARASITE	40	13.5	210,309	1,663,134
213 PEST ANIMALS FROD TOX	24	6.6	114,393	783,684
214 PEST FROD FOLLUT	61	13.2	126,646	1,294,524
SUBTOTAL	1465	514.5	6,030,372	41,625,156
SERIES 300				
301 CATTLE BREED FOREST I	44	15.6	432,203	1,409,550
302 INF FOREST END SYS	5	2.8	49,945	295,615
303 CATTLE TIMBER PRODUCT	12	9.0	93,747	638,019
304 IMP FROD FROD FROD & VEG	353	151.1	1,259,663	11,603,540
305 MECH FROD FROD & VEG	72	10.9	196,956	1,408,249
306 FROD FROD FROD & VEG	29	11.2	123,949	834,755
307 INF FROD FROD FROD & VEG	708	285.8	3,350,886	20,363,925
308 MECH FROD FROD FROD & VEG	59	16.4	252,432	1,477,677
309 FROD FROD FROD FROD & VEG	75	21.7	324,272	1,941,455
310 ANIMAL FROD FROD FROD & VEG	171	56.3	1,430,698	8,266,740
311 IMP FROD FROD FROD & VEG	499	179.5	3,868,852	20,783,411
312 FROD FROD FROD FROD & VEG	63	15.8	271,119	1,668,956
313 FROD FROD FROD FROD & VEG	112	27.3	447,870	3,178,149
314 FROD FROD FROD FROD & VEG	5	2.0	21,961	94,225
315 INF FROD FROD FROD & VEG	29	11.3	65,165	441,216
316 FROD FROD FROD FROD & VEG	56	21.6	421,729	1,225,757
317 MECH FROD FROD FROD & VEG	31	5.5	52,704	548,584
318 NON-FROD FROD FROD & VEG	211	54.1	746,081	7,699,162
SUBTOTAL	2578	955.9	13,491,555	96,878,562
SERIES 400				
401 NEW INF FOREST FROD	47	25.6	421,279	1,768,470
402 FROD FROD FROD FROD & VEG	91	16.1	232,951	1,159,007
403 NEW & INF FROD FROD & VEG	63	23.7	467,892	1,850,730
404 NEW QUAL FROD FROD & VEG	44	14.1	311,420	903,185
405 FROD FROD FROD FROD & VEG	101	27.0	319,973	2,283,502
406 NEW INF FROD FROD FROD & VEG	34	10.5	174,402	818,427
407 NEW INF FROD FROD FROD & VEG	22	7.9	168,365	540,565
408 NEW QUAL FROD FROD FROD & VEG	24	6.9	131,111	379,390
409 FROD FROD FROD FROD & VEG	56	11.3	308,987	1,216,500
410 INF FROD FROD FROD FROD & VEG	92	31.3	909,398	2,642,953
411 INF FROD FROD FROD FROD & VEG	6	1.0	17,631	197,943
412 NEW QUAL FROD FROD FROD & VEG	39	9.7	220,947	871,241
SUBTOTAL	619	185.0	3,646,555	14,682,010
SERIES 500				
501 INF GRADES & STANDS	37	12.4	276,477	946,211
502 NEW TIMBER PRODUCT	13	2.7	67,275	152,288
503 NEW FROD FROD FROD & VEG	89	21.5	541,944	1,116,397
504 SPLY DEMAND AND FROD	71	18.3	721,243	1,185,129
505 COMP REL IN AGRIC	23	3.6	114,248	211,866
506 DOMESTIC ART DEVELOP	27	4.6	125,662	243,550
507 PERFORMANCE ART SY	59	19.7	644,627	1,216,805
508 GROUP ACT ART POWER	11	2.7	30,117	237,116
511 INF AGRIC STATISTIC	4	0.9	1,262	59,059
513 PRICE ANIMAL FROD FROD	6	1.4	31,316	88,957
SUBTOTAL	340	87.6	2,596,171	5,657,960
SERIES 600				
601 FROD FROD FROD FROD & VEG	9	3.2	110,382	206,638
603 TECH AND DEV FROD	5	0.0	0	26,364
604 FROD FROD FROD FROD & VEG	5	0.4	7,106	41,065
SUBTOTAL	18	3.7	117,688	274,071
SERIES 700				
701 FROD FROD FROD FROD & VEG	33	13.3	295,177	1,303,765
702 FROD FROD FROD FROD & VEG	48	13.0	289,941	914,500
703 FROD FROD FROD FROD & VEG	68	16.6	162,313	1,021,384
704 FROD FROD FROD FROD & VEG	9	2.5	25,047	145,863
705 SEL CABB CLUTH & FRO	23	6.4	91,401	270,461
706 FROD FROD FROD FROD & VEG	7	1.0	17,631	197,943

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS & CMSTRD (GROSS) 1977	TOTAL PUPUS (GROSS) 1977	USDA COW/GT/CA SYS 1977	WLFH SALS AMOUNT 1977
ES 900						
1 RURAL HOUSING	17	7.4	140,246	390,961	*	99,019
2 IRRIG & FAN DEC MAK	51	11.4	182,733	543,326	*	153,756
3 FURHL FORTYTY	25	7.0	119,197	443,165	*	171,073
4 ECON OCIENT RURAL PE	57	10.1	242,629	676,376	*	237,901
5 COMMUNICAT RURAL PE	20	4.1	47,513	547,271	*	114,871
6 ADJUSTMENT TO CHANG	55	12.1	293,861	419,515	*	256,705
7 AGPIC ECONOMIC CHAN	15	12.2	127,372	645,594	*	52,795
8 GOV'T PROGRAMS	6	2.5	75,183	157,637	*	0
SUBTOTAL	269	66.4	1,218,739	4,223,744	*	1,117,161
ES 500						
1 ALLEV POLLUTION	213	61.4	1,231,581	6,130,640	*	975,941
2 OUTDOOR RECREATION	14	10.1	117,982	637,134	*	50,686
3 MULTI-USE-FOREST LO	28	4.1	90,298	350,194	*	58,369
4 WILDLIE AND FISH ECO	165	72.0	771,363	5,769,394	*	263,246
5 TREES BEAUTIFICATION	17	3.1	41,715	201,924	*	40,512
6 ORNAMENT & TURF DEV	200	90.0	696,160	6,174,765	*	10,246
7 RURAL INCOME IMP	74	19.7	414,206	1,109,835	*	354,551
8 RURAL INSTITUTE IMP	82	21.5	565,940	1,352,858	*	254,943
9 UNCLASSIFIED	15	62.4	101,520	4,561,946	*	285,294
SUBTOTAL	846	364.1	4,551,009	26,755,501	*	2,313,707
NCE IN SERV OP MAN GRAND TOTAL	7104	2463.9	36,656,142	232,655,591	*	14,288,914

CATEGORY	CF 1960	1977	CSRS (1960)	1977	(1960)
0100 SOIL AND LAND	356	109.0	1,723,081	10,017,445	
0200 WATER	217	45.4	548,356	4,335,920	
0300 WATERWAYS RIVER BAS	38	9.9	121,374	961,725	
0400 AIR AND CLIMATE	43	13.6	298,161	1,402,545	
0500 RECREATION RESOURCES	25	13.3	245,704	956,302	
0600 TIMBER FOREST PRODUCT	305	96.5	1,512,136	7,123,443	
0700 FISH	46	13.2	137,415	905,020	
0800 WILDLIFE AND FISH	121	25.9	218,385	2,513,113	
0900 SYSTEMS SUB GROUP FRUIT	1	0.3	2,847	20,454	
1000 FRUIT NUTS DECIDUOUS	141	51.9	664,645	4,086,965	
1100 POTATOES	82	22.9	458,562	1,907,823	
1200 VEGETABLES	228	59.0	957,758	4,660,170	
1300 ORNAMENTALS TURF	120	41.2	504,280	3,390,666	
1400 CEREALS	356	99.1	1,722,522	9,461,837	
1500 GRAIN SORGHUM	127	26.1	309,878	2,074,880	
1600 RICE	10	4.3	8,160	342,149	
1700 WHEAT	295	70.8	985,664	5,713,545	
1800 OTHER SMALL GRAINS	137	29.6	520,801	2,871,733	
1900 PASTURE	38	7.0	125,808	870,224	
2000 FORAGE CROPS	228	54.2	1,036,508	5,009,605	
2100 COTTON	9	4.6	49,653	297,811	
2300 SOYBEANS	312	81.4	1,279,154	7,010,452	
2400 PEANUTS	1	0.9	2,084	3,905	
2500 OTHER OILSEED CROPS	43	7.3	78,711	506,396	
2600 TOBACCO	5	1.6	9,860	109,283	
2700 SUGAR CROPS	36	5.8	64,578	551,755	
2800 MISC NEW CROPS	29	6.4	95,577	612,919	
2900 GOVTITY	154	56.1	1,484,669	5,838,850	
3000 DEER CATTLE	354	95.4	2,204,896	16,723,724	
3100 DAIRY CATTLE	340	106.0	2,574,979	13,077,044	
3200 SWINE	278	84.4	1,961,617	12,162,963	
3300 SHEEP AND WOOL	117	23.3	409,405	3,035,895	
3400 OTHER ANIMALS	101	22.8	275,396	2,062,394	
3500 BEES AND HONEY	10	4.7	7,288	214,541	
3600 FARM SUPPLY & FACILITIES	46	10.7	168,183	1,103,160	
3700 CLOTHING & TEXTILES	23	7.2	136,729	361,324	
3800 FOOD	165	45.7	740,106	4,121,575	
3900 HOUSING & EQUIP	67	15.1	220,303	1,180,567	
4000 PEOPLE AS INDIVIDUAL	193	49.4	115,733	4,326,320	
4100 FAMILY MEMBERS	86	18.1	390,632	1,321,122	
4200 FARM AS BUSINESS	65	18.8	465,520	1,168,058	
4300 SOC POLIT ORGANIZ	148	40.3	862,727	2,786,828	
4400 AGRIC ECONOMY U S	44	13.0	273,325	1,219,666	
4500 AGRIC ECONOMY FOREIGN	11	3.7	44,925	830,340	
4600 FARM COOPERATIVES	16	3.2	158,106	265,020	
4700 OTHER MARKET RESEARCH	11	1.8	51,670	155,723	
4800 MARKETING SYSTEMS	46	10.5	341,570	788,036	
6100 WEEDS	4	1.0	20,575	118,400	
6200 SREED RESEARCH	2	1.2	2,436	351,554	
6300 BIO CELL SYSTEMS	84	31.4	236,819	3,229,577	
6400 EXP DESIGN/STAT METH	25	10.2	106,896	846,600	
6500 INVERTEBRATES	45	17.5	226,086	1,448,312	
6600 MICROORGANISMS, VIRUS	71	27.0	193,715	2,523,806	
6700 PLANTS	151	57.6	644,632	5,816,209	
6800 ANIMALS (VERTEBRATES)	114	38.3	480,418	4,600,661	
6900 RESEARCH ON RESEARCH	10	2.7	5,515	133,377	
7000 RESEARCH EQUIP & TECHNOL	36	8.9	147,373	875,036	
9900 UNCLASSIFIED	16	38.2	672,230	5,443,545	
TOTAL	6308	1768.2	30,417,936	175,603,989	

106 DRAIN AND TRIGATION	31	7.2	217,733	7,282,350	*
107 WATERSHED PROT & MGT	40	11.6	317,733	8,577,350	*
108 ECON LGH PROD OF WA	15	1.5	199,799	1,279,315	*
109 WEATHER ADAPT & MGT	37	12.0	527,700	2,677,815	*
110 APPRAIS PURS1 & MGN	35	5.3	281,152	1,161,917	*
111 DCL CHL1 MGMT FORK	192	28.3	737,710	3,707,477	*
112 IMPROV RANGE RESOR	27	7.1	513,031	2,845,177	*
113 PMWTE SENSING	22	1.3	84,659	532,137	*
114 PSCH ON MGMT OF RES	14	2.7	60,911	532,707	*
SUBTOTAL	677	190.5	5,515	111,377	*

SERIES 200

201 CNTRL FOREST INSECTS	35	7.2	170,164	539,530	*
202 CONTRL FOREST DIS	38	6.3	176,052	525,964	*
203 FOREST FIRE PROTECT	1	0.2	0	25,090	*
204 CNTR PESTS FRT & VE	51	11.9	175,685	1,187,927	*
205 CNTR DISE FRT & VEG	113	34.4	409,507	2,159,176	*
206 CNTR WFRUD FRT & VE	27	9.3	82,813	568,590	*
207 CNTR PESTS FLD CROP	122	34.2	782,609	3,456,342	*
208 CNTR FLD FIELD CROP	296	67.0	1,069,496	5,018,181	*
209 CNTR WEEDS FLD CROP	75	15.1	296,612	2,245,570	*
210 CNTR PESTS ANIMALS	21	5.5	45,866	839,753	*
211 CNTR DLS ANIMALS	172	59.7	1,018,152	6,795,433	*
212 CNTR INSECT PARASITE	22	6.4	72,564	607,674	*
213 PEST ANMLS FROM FOX	12	4.5	121,972	561,671	*
214 PROTECT FROM COLLUT	73	18.4	297,492	1,287,248	*
SUBTOTAL	990	292.0	4,628,194	25,613,742	*

SERIES 100

101 GENET BREED FOREST T	42	9.4	162,175	843,979	*
102 IMP FOREST ENG SYS	1	0.1	18,931	36,116	*
103 RECH TIMBER PRODUCT	13	1.4	68,134	261,869	*
104 IME BIG EFF FRT & V	165	55.1	760,670	5,268,116	*
105 RECH PROD FRT & VEG	20	4.9	93,449	441,583	*
106 IMP MGMT SYS F & V	16	2.2	42,976	205,704	*
107 IMP HIG EFF FLD CVP	359	196.5	2,416,988	19,129,596	*
108 RECH PROD FIELD CRO	14	8.4	137,731	860,667	*
109 PROD MGMT SYS FLD C	64	11.0	165,195	1,289,104	*
110 ANIMAL PRODUCTION	115	47.8	1,071,708	7,576,913	*
111 IMP BIG EFF ANML PF	407	154.2	3,377,964	25,651,464	*
112 ENV STRSS IN ANML	55	18.1	197,297	2,206,916	*
113 PROD MGMT SYS ANML	100	19.8	344,267	3,231,550	*
114 RECH OTH POLINTING I	10	4.7	7,260	23,541	*
115 IME STRUC FARM SUPP	47	11.1	149,559	1,197,335	*
116 FARM BUSINESS MGMT	51	13.1	387,830	912,881	*
117 RECH/STRUCS ANML P	23	1.5	62,090	306,471	*
118 NON-COM BIO TECH/BI	292	111.4	998,450	10,654,945	*
SUBTOTAL	1916	602.3	10,862,592	80,016,505	*

SERIES 400

401 NEW IMP FOREST PROL	33	26.9	259,399	1,361,563	*
402 PROD P & V IMP ACCP	40	9.2	125,261	616,319	*
403 NEW C IMP F&V PROD	37	9.2	101,267	674,451	*
404 MKT QUAL PRDS & VEG	27	5.3	178,704	445,956	*
405 PROD FLD CROP INF A	74	21.1	338,272	1,531,503	*
406 NEW IMP PROD FLD CR	69	21.1	475,517	1,831,843	*
407 NEW IMP NON-FOOD FC	19	6.1	50,617	430,384	*
408 MKT QUAL FIRM CROP	45	11.3	232,420	863,966	*
409 PROD ANML CR IMP AC	61	15.1	607,438	2,050,170	*
410 IMU MEAT MILK ENG P	107	33.4	830,489	2,625,932	*
411 IMP NON-FOOD ANML P	4	0.2	4,123	19,698	*
412 MKT QUAL ANIMAL PRO	50	10.5	296,800	933,804	*
SUBTOTAL	556	169.4	3,713,348	11,404,612	*

SERIES 500

501 IMP GRADES & STANDS	16	2.6	73,640	229,835	*
502 MKTG TIMBER PRODUCT	5	1.0	18,441	52,585	*
503 MKTG RPP AGRI PRODS	74	17.0	616,727	1,604,094	*
504 SUPPLY DEMAND AND PRI	40	9.1	240,192	738,207	*
507 CONN REL IN AGRIC	17	2.0	82,545	189,230	*
508 DOMESTIC MKT DEVELP	10	0.9	32,921	71,769	*
509 PERFORMANCE MKTG SY	43	13.6	424,103	1,814,716	*
510 GROUP ACT MKT COMER	10	1.7	104,102	154,807	*
511 IMP AGRIC STATISTIC	16	4.1	70,721	507,538	*
512 IMP GRADES PRST PRO	5	0.4	4,954	38,131	*
513 PRICE ANAL PRST PRO	3	0.1	14,958	28,462	*
SUBTOTAL	239	52.6	1,691,205	4,629,333	*

SERIES 600

601 PGN MKT DEVELP	30	5.2	197,181	443,099	*
602 EVAL PGN FOOD AID P	2	0.2	9,977	16,813	*
603 TECH AID DEV CRIV	19	10.3	6,632	809,907	*
604 PRD ORIENT/MKTG PRG	1	0.1	0	17,259	*
SUBTOTAL	52	15.7	213,789	1,287,156	*

SERIES 700

701 TOX RES IN FOOD	33	8.2	202,277	828,576	*
702 FOOD PROT FROM TOX	68	19.8	392,736	1,971,015	*
703 FOOD CONSUMP HABITS	52	9.5	131,932	592,881	*
704 HOME COMM FOOD SERV	29	6.1	166,007	395,329	*
705 SPL CARB CLOTH & TE	18	7.0	129,381	338,509	*
706 CONTR INSECTS AFF M	21	7.3	134,613	728,781	*

CLASSIFICATION CATEGORY	NO OF FACJ	SCIENTIST YEARS 1977	SEG FEE ADJUST CSES ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977
SERIES 800				
801 RURAL HOUSING	20	1.0	51,413	174,477
802 INDIV & FAM DEC MAK	52	10.6	239,015	809,104
803 RURAL POVERTY	6	0.5	22,318	45,551
804 ECON POTENTIAL RURAL PE	22	7.7	222,675	463,510
805 COMMUNICAT RURAL PE	43	10.9	106,237	1,940,810
806 ADJUSTMENT TO CHANGE	64	16.9	359,956	1,333,622
807 AGRIC ECONOMIC CHANG	47	12.4	293,143	987,165
808 GOV'T PROGRAMS	19	2.4	62,995	264,191
SUBTOTAL	273	64.4	1,342,551	5,122,970
SERIES 900				
901 ALLEY POLLUTION	192	51.4	1,802,110	5,413,307
902 OUTDOOR RECREATION	49	12.3	228,457	878,770
903 MULTI-USE-FOREST PO	15	2.3	43,790	144,026
904 WILDLIFE AND FISH ECO	103	22.0	167,566	2,684,653
905 TREES REAUTIFICATION	30	6.4	59,744	748,279
906 ORNAMENT & TURF DEV	114	38.1	445,489	2,953,456
907 RURAL INCOME IMP	44	9.3	203,285	659,530
908 RURAL INSTITUT IMP	90	23.5	577,210	1,675,269
909 UNCLASSIFIED	14	38.2	672,210	5,443,544
SUBTOTAL	653	206.0	3,460,291	20,000,136
SCIENCE IN SERV OF MAN GRAND TOTAL	574	176.2	30,447,916	175,603,999

CLASSIFICATION CATEGORY	NO OF PROD	SCIENTIST YEARS 1977	REG PED APPR/ CSRS ADJUSTED (GROSS) 1977	(INCLUDES GARS-FORESTRY SCH-OTHER INST) TOTAL FONDS (GROSS) 1977	USDA CGA/GT/CA WITH SARE SYS 1977	WITH SARE AMOUNT 1977
SOIL AND LAND	324	114.3	1,298,489	11,092,929	*	512,160
WATER	214	66.3	667,117	6,209,370	*	172,245
WATERSHEDS RIVER BAS	48	14.2	101,758	1,206,389	*	63,434
AIR AND CLIMATE	40	21.4	114,445	2,991,730	*	41,576
PROTECTION RESOURCES	53	14.3	236,438	965,112	*	37,295
TIMBER FOREST PRODUCT	377	142.6	1,506,908	12,121,193	*	842,352
RANGE	157	45.0	314,314	4,112,709	*	125,020
WILDLIFE AND FISH	174	41.5	250,443	4,655,061	*	133,133
CITRUS SUB TROP FRUIT	145	55.7	361,335	5,417,568	*	151,652
FRUIT NUTS DECIDUOUS	272	102.0	991,977	9,630,206	*	10,422
POTATOES	97	33.4	250,150	2,618,178	*	85,139
VEGETABLES	342	104.6	1,205,309	9,190,671	*	275,356
CRAMMENTALS TUFF	134	43.0	225,237	3,295,543	*	25,661
CORN	50	10.6	77,527	876,257	*	3,556
GRAIN SORGHUM	32	3.9	20,482	291,734	*	1,733
RICE	14	4.2	18,730	500,101	*	14,341
WHEAT	161	44.4	457,123	3,871,479	*	191,813
OTHER SMALL GRAINS	123	25.0	305,456	2,330,431	*	26,770
PASTURE	29	5.9	15,953	446,190	*	8,250
FORAGE CROPS	227	66.7	656,892	4,650,186	*	117,651
COTTON	90	38.5	342,688	2,952,285	*	149,894
COTTONSEED	4	1.1	15,057	112,673	*	0
SOYBEANS	20	10.2	45,059	802,600	*	110,779
PEANUTS	4	0.7	552	31,294	*	0
OTHER OILSEED CROPS	24	5.6	57,410	691,543	*	24,776
TOBACCO	1	0.7	9,296	46,213	*	0
SUGAR CROPS	75	11.7	119,135	1,150,100	*	5,089
MISC NEW CROPS	34	9.1	48,080	1,213,193	*	17,402
POULTRY	94	37.4	482,969	3,527,266	*	16,149
BEEF CATTLE	256	110.8	2,220,103	15,614,945	*	433,354
DAIRY CATTLE	150	10.3	731,086	4,496,019	*	159,894
SWINE	38	6.8	82,529	1,841,801	*	18,387
SHEEP AND WOOL	105	29.9	572,737	2,584,926	*	25,090
OTHER ANIMALS	59	14.2	154,010	1,375,630	*	1,716
BEES AND HONEY	21	6.5	136,372	576,366	*	19,531
FARM SUPP & FACILITIES	22	9.1	76,240	326,818	*	15,431
CLOTHING & TEXTILES	15	3.4	35,423	178,508	*	0
FOOD	110	35.4	410,367	3,024,349	*	54,356
HOUSING & EQUIP	48	15.3	61,297	1,565,020	*	37,119
PEOPLE AS INDIVIDUAL	152	64.4	547,304	3,844,563	*	96,542
FAMILY MEMBERS	35	9.6	161,200	431,080	*	15,300
FARM AS BUSINESS	27	4.4	110,315	470,495	*	9,582
SOC POLIT ORGANIZ	61	20.4	434,201	1,120,284	*	33,507
AGRIC ECONOMY U S	22	5.8	118,875	349,676	*	7,111
AGRIC ECONOMY FOREIGN	5	1.4	19,980	117,707	*	1,562
FARM COOPERATIVES	12	1.6	18,792	83,766	*	565
OTH MARKET PROCESS	8	0.7	17,053	31,744	*	565
MARKETING SYSTEMS	23	4.0	111,967	260,979	*	16,435
WEEDS	19	6.3	70,152	468,354	*	14,027
SEED RESEARCH	10	3.5	24,047	286,440	*	0
BIO CELL SYSTEMS	50	24.5	106,092	2,047,411	*	4,929
EXP DESIGN/STAT METH	16	8.4	12,355	639,707	*	71,352
INVERTEBRATES	110	65	265,124	4,402,164	*	27,026
MICROORGANISMS, VIRUS	55	16.5	128,779	1,615,014	*	1,516
PLANTS	190	68.7	544,509	6,099,701	*	44,813
ANIMALS (VERTEBRATES)	75	45.2	142,629	4,182,386	*	44,314
RESEARCH ON RECH MCH	9	2.5	16,151	237,779	*	83,296
GENE EQUIP & TECHNOL	28	9.1	28,567	946,721	*	20,168
UNCLASSIFIED	9	6.2	18,631	723,761	*	31,074
TOTAL	5153	1661.3	17,590,202	157,327,687	*	4,540,707

SERIES 100				
101 AVERAGE OF SOIL PHS	57	22.9	286,394	1,689,002
102 C-101 FERT WTR WATER	126	43.8	364,647	3,639,349
103 C-102 FERT WTR WATER	33	9.7	86,549	1,057,027
104 C-103 FERT WTR WATER	33	9.7	330,405	1,663,690
105 C-104 FERT WTR WATER	57	19.3	276,211	2,331,230
106 C-105 FERT WTR WATER	33	27.4	91,320	1,157,679
107 C-106 FERT WTR WATER	42	15.5	111,915	2,061,672
108 C-107 FERT WTR WATER	54	25.4	5,534	209,170
109 C-108 FERT WTR WATER	11	3.2	129,377	2,470,923
110 C-109 FERT WTR WATER	17	17.7	117,261	726,695
111 C-110 FERT WTR WATER	38	10.4	546,411	3,563,450
112 C-111 FERT WTR WATER	123	35.6	159,010	1,205,610
113 C-112 FERT WTR WATER	101	31.0	24,656	205,088
114 C-113 FERT WTR WATER	9	5.3	16,151	237,779
115 C-114 FERT WTR WATER	9	2.5		
SUBTOTAL	935	266.8	2,515,067	25,411,162

SERIES 200				
201 C-101 FERT WTR WATER	55	16.3	136,337	1,479,131
202 C-102 FERT WTR WATER	34	7.7	151,194	826,427
203 C-103 FERT WTR WATER	7	0.3	6,024	39,232
204 C-104 FERT WTR WATER	117	42.8	482,468	4,030,975
205 C-105 FERT WTR WATER	191	60.0	570,321	5,695,052
206 C-106 FERT WTR WATER	50	12.2	161,467	1,055,775
207 C-107 FERT WTR WATER	59	36.1	394,543	3,168,742
208 C-108 FERT WTR WATER	117	33.8	335,400	2,990,248
209 C-109 FERT WTR WATER	53	18.4	182,293	1,253,752
210 C-110 FERT WTR WATER	16	5.1	43,080	309,665
211 C-111 FERT WTR WATER	75	56.0	661,706	6,072,430
212 C-112 FERT WTR WATER	42	7.0	292,546	627,002
213 C-113 FERT WTR WATER	23	4.0	69,078	430,995
214 C-114 FERT WTR WATER	55	15.1	93,759	1,995,145
SUBTOTAL	930	327.4	3,511,064	30,043,776

SERIES 300				
301 C-101 FERT WTR WATER	34	8.3	103,301	732,785
302 C-102 FERT WTR WATER	11	5.8	22,394	136,551
303 C-103 FERT WTR WATER	15	3.4	54,308	257,558
304 C-104 FERT WTR WATER	282	122.4	752,304	9,764,306
305 C-105 FERT WTR WATER	46	13.0	174,526	1,032,730
306 C-106 FERT WTR WATER	29	5.1	35,507	413,155
307 C-107 FERT WTR WATER	393	126.3	873,675	10,550,881
308 C-108 FERT WTR WATER	15	3.4	32,171	130,195
309 C-109 FERT WTR WATER	32	7.3	72,221	597,158
310 C-110 FERT WTR WATER	85	35.6	701,269	4,158,450
311 C-111 FERT WTR WATER	195	76.7	1,065,657	11,087,377
312 C-112 FERT WTR WATER	34	26.9	180,142	1,146,057
313 C-113 FERT WTR WATER	49	10.5	132,763	1,369,621
314 C-114 FERT WTR WATER	21	8.5	136,372	576,368
315 C-115 FERT WTR WATER	12	6.5	1,724	941,214
316 C-116 FERT WTR WATER	17	6.0	87,335	302,353
317 C-117 FERT WTR WATER	5	1.2	25,660	107,117
318 C-118 FERT WTR WATER	314	139.7	801,752	12,516,590
SUBTOTAL	1495	585.4	5,157,059	50,246,376

SERIES 400				
401 C-101 FERT WTR WATER	68	30.9	215,413	2,057,957
402 C-102 FERT WTR WATER	61	13.1	116,733	1,448,512
403 C-103 FERT WTR WATER	51	22.9	171,080	1,952,391
404 C-104 FERT WTR WATER	66	20.5	262,735	1,939,009
405 C-105 FERT WTR WATER	41	15.5	228,674	1,114,664
406 C-106 FERT WTR WATER	16	2.3	52,445	309,717
407 C-107 FERT WTR WATER	7	0.5	12,981	120,270
408 C-108 FERT WTR WATER	11	2.7	20,360	213,357
409 C-109 FERT WTR WATER	37	12.2	364,654	1,287,612
410 C-110 FERT WTR WATER	33	8.5	199,967	855,852
411 C-111 FERT WTR WATER	9	2.6	32,704	142,367
412 C-112 FERT WTR WATER	22	4.3	110,572	406,037
SUBTOTAL	435	137.4	1,786,430	12,046,525

SERIES 500				
501 C-101 FERT WTR WATER	10	3.3	46,891	214,162
502 C-102 FERT WTR WATER	6	1.5	18,302	64,345
503 C-103 FERT WTR WATER	34	10.3	295,719	591,363
504 C-104 FERT WTR WATER	32	8.3	254,986	652,703
505 C-105 FERT WTR WATER	10	1.9	60,730	97,131
506 C-106 FERT WTR WATER	15	2.5	53,749	155,269
507 C-107 FERT WTR WATER	32	8.7	202,041	352,529
508 C-108 FERT WTR WATER	6	1.0	7,629	50,424
509 C-109 FERT WTR WATER	6	2.0	8,520	179,628
510 C-110 FERT WTR WATER	12	3.2	25,512	167,935
511 C-111 FERT WTR WATER	6	3.2	68,398	200,178
SUBTOTAL	171	46.4	1,042,476	2,745,743

SERIES 600				
601 C-101 FERT WTR WATER	12	3.2	57,104	242,724
602 C-102 FERT WTR WATER	14	2.2	13,642	163,094
603 C-103 FERT WTR WATER	4	0.3	3,121	8,561
SUBTOTAL	30	5.6	73,866	410,379

SERIES 700				
701 C-101 FERT WTR WATER	43	17.8	172,008	1,685,487
702 C-102 FERT WTR WATER	48	16.3	214,348	1,386,234

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMETED (68055) 1977	TOTAL FUNDS (55055) 1977	USDA CON/GT/CA WITH SALES SYS 1977	AMOUNT 1977
ES 500						
1 RURAL HOUSING	8	3.5	5,893	66,473	*	263
2 INDIV & FAM DEC MAK	34	5.3	101,359	351,666	*	15,061
3 RURAL POVERTY	7	1.2	21,516	71,235	*	15,000
4 ECON POTENTIAL RURAL FE	17	2.4	192,296	257,090	*	0
5 COMMUNICAT RURAL PE	20	4.7	71,377	377,217	*	92
6 ADJUSTMENT TO CHANGE	34	9.5	159,172	439,399	*	15,000
7 AGRIC ECONOMIC CHAN	25	6.3	91,061	392,728	*	4,096
8 GOV'T PROGRAMS	7	1.6	36,892	56,726	*	1,105
SUBTOTAL	164	32.4	590,387	2,052,503	*	50,626
ES 500						
1 ALLEY POLLUTION	165	58.5	672,110	6,420,114	*	190,502
2 OUTDOOR RECEPTION	50	14.1	232,377	940,502	*	31,575
3 MULTI-USE-FOREST PO	16	1.9	25,682	139,611	*	15,174
4 WILDLIFE AND FISH ECO	153	36.8	225,150	1,309,384	*	132,351
5 TREES BEAUTIFICATION	35	11.9	77,328	1,057,757	*	33,482
6 ORNAMENT & TURF DEV	127	34.8	213,937	3,039,016	*	23,266
7 RURAL INCOME IMP	35	9.0	146,025	580,864	*	15,000
8 RURAL INSTITUT IMP	53	11.1	320,165	726,807	*	18,415
9 UNCLASSIFIED	9	6.2	10,631	723,761	*	31,874
SUBTOTAL	643	169.3	1,505,404	17,037,042	*	491,639
ESCE IN SERV OF MAN						
GRAND TOTAL	4955	1683.3	17,590,202	157,327,687	*	4,540,707

CATEGORY	OF	YEARS	CSRS ADMSTRD	(GROSS)
	PRCJ	1977	(GROSS) 1977	1977
0100 COIL AND LAND	1385	150.4	5,040,941	30,526,773
0200 WATER	682	166.1	2,310,562	16,131,679
0300 WATERSHEDS RIVER BAS	122	14.6	489,374	2,856,670
0400 AIR AND CLIMATE	115	42.5	533,333	5,044,954
0500 RECREATION RESOURCES	163	42.9	863,697	2,802,788
0600 LITRE POST PRODUCT	998	311.6	6,417,122	25,866,004
0700 RANGE	239	66.9	636,070	6,322,955
0800 WILDLIFE AND FISH	539	165.1	1,676,772	15,078,049
0900 CLIPHS SUB TROP FRUIT	280	126.1	889,838	10,611,310
1000 FRUIT NUTS DECIDUOUS	922	359.2	4,966,231	29,091,124
1100 POTATOES	302	86.1	1,420,602	7,137,045
1200 VEGETABLES	1257	412.3	5,610,141	32,091,730
1300 ORNAMENTALS CUFF	576	207.7	2,177,252	15,405,634
1400 CORN	766	176.4	2,949,630	15,574,946
1500 GRAIN SODIUM	290	52.4	136,749	4,394,143
1600 RICE	401	35.2	217,243	1,069,123
1700 WHEAT	597	143.0	1,852,845	11,569,912
1800 OTHER SMALL GRAINS	374	73.5	1,146,363	6,665,122
1900 PASTURE	170	37.7	152,406	3,542,111
2000 FORAGE CROPS	536	291.0	3,561,744	20,372,972
2100 COTTON	380	131.4	1,863,361	12,008,964
2200 COTTONSEED	14	3.1	48,441	244,529
2300 SOYBEANS	746	200.3	3,192,687	17,393,683
2400 PEANUTS	140	43.7	466,746	3,851,256
2500 OTHER OILSEED CROPS	95	14.7	144,419	1,392,529
2600 TOBACCO	164	63.0	820,356	6,046,231
2700 SUGAR CROPS	179	57.1	855,748	4,503,213
2800 FISC NEW CROPS	111	77.1	329,512	2,510,590
2900 CIGARETTE	715	284.3	5,551,594	24,285,426
3000 BEEF CATTLE	1157	386.7	8,332,315	56,451,016
3100 DAIRY CATTLE	1021	324.6	7,406,457	37,034,928
3200 SWINE	521	150.9	1,317,530	20,104,766
3300 SHEEP AND WOOL	343	76.0	1,524,139	8,138,237
3400 OTHER ANIMALS	367	102.7	1,187,370	6,579,464
3500 BEES AND HONEY	43	17.6	211,420	1,071,275
3600 FARM SUPP & FACILITIES	98	24.3	384,747	1,968,608
3700 CLOTHING & TEXTILES	63	17.3	316,377	849,698
3800 FOOD	446	140.0	3,060,236	12,003,911
3900 HOUSING & EQUIP	107	55.4	626,325	4,867,633
4000 PEOPLE AS INDIVIDUAL	615	171.7	2,362,366	13,444,595
4100 FAMILY MEMBERS	179	40.8	883,925	2,753,541
4200 FARM AS BUSINESS	171	58.6	1,206,985	3,327,136
4300 SOC POLIC ORGANIC	436	123.3	1,159,342	8,047,951
4400 AGRIC ECONOMY U S	180	31.3	539,579	2,260,884
4500 AGRIC ECONOMY FOREIGN	24	10.9	86,034	1,051,358
4600 FARM COOPERATIVES	40	6.5	229,327	475,614
4700 OTH MARKET PROCESSE	41	8.5	171,222	532,151
4800 MARKETING SYSTEMS	100	25.7	717,010	1,662,582
4900 WEEDS	47	10.5	185,123	937,624
5000 SEED RESEARCH	26	9.6	89,153	937,143
5100 OTO CELL SYSTEMS	206	82.3	685,675	7,114,473
5200 EXP DESIGN/STAT METH	55	25.4	154,089	2,021,625
5300 INVENTREBBATES	245	105.7	771,335	8,579,236
5400 MICROORGANISMS,VIRUS	221	82.2	633,624	7,358,915
5500 PLANTS	505	216.2	2,721,103	19,363,712
5600 ANIMALS (VETERINARIAN)	284	112.4	1,014,653	11,031,136
5700 RESEARCH ON RECH HGM	27	10.9	197,266	747,955
5800 RECH EQUIP & TECHNOL	95	26.4	212,014	2,511,317
5900 UNCLASSIFIED	41	111.3	1,055,217	13,160,479
TOTAL	20725	6556.7	101,353,082	594,229,519

CLASSIFICATION	NO	SCIENTIST	REG FED AID/	TOTAL FUNDS	USDA COM/CI/CA	WITH SALES
CATEGORY	OF	YEARS	CSFS ADMSTPD	(43055)	SYG	AMOUNT
	FROM	1977	(GROSS) 1977	1977	1977	1977
ES 100						
01 APPRAIS OF SOIL RES	187	69.3	920,250	5,471,335	*	67,216
02 SOIL FLW MTR NUTRI	482	148.3	1,989,566	12,695,050	*	165,811
03 MGMT OF SALINE SOIL	51	15.1	103,133	1,476,146	*	62,657
04 ALTERN USE OF LAND	176	57.1	1,002,584	4,324,060	*	157,619
05 CONSERV USE OF WATER	213	52.5	542,454	4,247,629	*	47,567
06 DRAIN AND IRRIGATION	96	29.6	236,787	2,402,596	*	34,919
07 WATERSHED ISOL & MG	137	41.6	556,930	3,618,255	*	431,533
08 ECUM LKG GROW OF WA	41	11.8	118,416	831,532	*	20,575
09 WEATHER ADAPT & MOD	104	33.3	470,377	4,151,726	*	155,463
10 APPRAIS FORST & GAN	73	19.7	296,347	1,313,328	*	105,750
11 FOL CULT MGMT FORS	247	77.5	1,767,374	6,571,713	*	168,527
12 IMPROV RANGE RESSOR	157	47.2	419,638	4,845,836	*	68,706
13 REPUTE RESEING	35	12.9	135,199	1,144,512	*	33,690
14 PSCH ON MGMT OF RSC	27	10.8	197,266	747,865	*	126,329
SUBTOTAL	2355	620.3	6,658,713	54,334,723	*	1,673,160
ES 200						
01 CONTR PEST INSECTS	154	52.4	798,771	4,362,835	*	471,468
02 CONTROL POLICE DIS	111	33.9	745,152	2,381,510	*	86,695
03 FOREST FIRE PROTECT	15	1.6	6,324	155,190	*	34,121
04 CNTR PESTS FRST & VEG	346	127.0	1,484,521	10,266,241	*	371,813
05 CNTR DISE FRST & VEG	447	211.9	2,371,350	16,027,717	*	316,708
06 CNTR WEEDS PPT & VEG	158	47.3	600,272	1,585,603	*	43,269
07 CNTR PESTS FLD CROP	474	164.2	2,623,718	14,259,160	*	666,152
08 CNTR DISE FELD CROP	651	206.2	3,032,481	15,772,364	*	342,803
09 CNTR WEEDS FLD CROP	243	86.6	1,243,574	7,945,316	*	168,622
10 CNTR PESTS ANIMALS	91	29.5	403,243	2,223,173	*	236,495
11 CNTR DISE ANIMALS	467	240.5	3,260,434	22,374,867	*	1,051,555
12 CNTR INTRP PARASITE	92	31.8	535,196	3,114,944	*	2,697
13 PROT ANMLS FROM TOX	88	20.1	135,854	2,034,975	*	21,757
14 PROTECT FROM POLLUT	212	53.8	684,661	5,131,437	*	229,707
SUBTOTAL	3793	1308.8	18,142,253	109,783,446	*	4,060,073
ES 300						
01 GENEK BREED FORST T	91	29.6	801,085	2,567,953	*	46,773
02 IMP FOREST ENG SYS	17	6.5	120,253	532,441	*	12,055
03 ECUM TIMBER PRODUCT	29	14.9	203,337	969,141	*	85,412
04 IMP BIO EFF PPT & V	976	358.1	3,744,924	10,143,480	*	330,818
05 MECH PROD PPT & VEG	166	46.2	624,189	5,502,034	*	44,619
06 IMPROV MGMT SYS P & V	82	21.2	257,932	1,586,735	*	23,007
07 IMP BIO EFF FLD CROP	1541	628.5	7,240,922	59,441,758	*	1,400,736
08 MECH PROD FELD CRO	115	30.6	470,305	2,802,441	*	114,568
09 PROD MGMT SYS FLD C	100	45.6	657,444	4,210,115	*	217,895
10 ANIMAL REPRODUCTION	423	163.9	3,751,213	21,322,389	*	624,370
11 IMP BIO EFF ANML PR	1237	457.0	9,560,466	66,882,640	*	1,008,211
12 REV STRESS IN ANML	169	65.7	1,023,843	7,502,605	*	112,902
13 PROD MGMT SYS ANML	267	61.2	973,331	9,115,930	*	113,434
14 REVS OTH POLLUTNG I	43	17.9	211,420	1,071,275	*	34,290
15 IMP STRUC FARM SUPP	104	34.3	341,093	3,220,540	*	222,768
16 FARM BUSINESS MGMT	136	48.2	1,041,085	2,744,067	*	91,996
17 MECH/STRUCTS ANML P	60	12.3	172,557	1,095,294	*	65,886
18 NON-COM BIO TECH/BI	991	411.5	3,428,526	35,587,157	*	259,998
SUBTOTAL	4636	2453.1	34,633,947	254,259,922	*	4,093,847
ES 400						
01 NEW IMP FOREST PROD	117	65.7	568,878	4,205,880	*	128,133
02 PROD P & V IMP ACCE	235	46.8	569,519	3,984,931	*	20,054
03 NEW & IMP PGM FROM	199	71.3	1,133,697	5,372,363	*	90,201
04 MKT QUAL FRST & VEG	198	60.5	1,459,107	4,943,876	*	67,474
05 PROD FLD CROP IMP A	225	65.5	967,162	5,284,915	*	102,679
06 NEW IMP PROD FLD CR	130	35.7	722,189	3,066,568	*	144,139
07 NEW IMP NON-FOOD FC	49	14.9	215,897	1,152,210	*	1,312
08 MKT QUAL FELD CROP	85	22.5	419,177	1,682,981	*	110,026
09 PROD ANML PR IMP AC	166	40.5	1,422,374	4,838,327	*	87,235
10 IMP HEAT MILK EGG P	277	85.5	2,157,030	7,307,176	*	69,628
11 IMP NON-FOOD ANML P	21	3.9	55,176	364,450	*	0
12 MKT QUAL ANIMAL PRO	122	30.7	864,634	2,765,676	*	10,902
SUBTOTAL	1823	543.5	11,005,461	45,049,157	*	831,861
ES 500						
01 IMP GRADES & STANDS	70	19.9	430,764	1,486,083	*	11,787
02 MKTG TIMBER PRODUCT	23	4.9	103,527	264,270	*	18,591
03 MKTG EXP AGRI PRODS	225	55.9	1,707,359	3,829,328	*	238,170
06 SPLY DEMAND AND PRI	164	43.4	1,454,132	2,919,771	*	125,028
07 COMP REL IN AGRIC	57	8.5	204,498	551,737	*	33,727
08 DOMESTIC MKT DEVELP	57	17.7	232,065	552,055	*	648
09 PERFORMANCE MKTG SY	155	50.4	1,550,629	3,026,337	*	245,041
10 GROUP ACT MKT POWER	27	4.7	152,185	331,156	*	18,700
11 IMP AGRIC STATISTIC	23	6.0	95,595	787,675	*	295,422
12 IMP GRADES FRST PRO	11	2.4	27,521	141,546	*	29,501
13 PRICE ANAL FRST PRO	13	2.6	64,370	198,273	*	7,601
SUBTOTAL	831	209.3	6,122,666	14,087,209	*	1,024,260
ES 600						
01 PGM MKT DEVELP	53	13.2	409,687	1,002,720	*	43,155
02 EVAL PGM FOOD AID P	3	0.3	9,977	22,251	*	0
03 TECH AID DEV CRTV	38	18.5	14,735	1,090,219	*	481,708

CLASSIFICATION CATEGORY	NO OF FIELD	SCRIPTS YEARS 1977	REG PRO APPR/ CSRS ADMINED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA
DEVELOP					
401 AGRAL FISHING	46	13.1	214,901	672,404	
402 INCLIN C FARM SEC NBR	139	26.4	639,513	1,657,192	
403 RURAL FISHING	39	7.5	177,629	425,714	
404 ECON FISHING RURAL FR	36	21.7	607,363	1,504,619	
405 ECON FISHING RURAL FR	115	27.1	110,347	2,472,097	
406 ADJUSTMENT C. CHANG	157	41.6	894,492	2,722,632	
407 ADJUSTMENT C. CHANG	113	31.3	511,377	2,036,275	
408 ADJUSTMENT C. CHANG	35	6.5	175,070	518,725	
SUBTOTAL	714	177.6	3,522,492	12,209,870	
DEVELOP					
401 ALLER POLLUTION	660	226.4	3,708,419	20,653,439	
402 COTTON RECEPTION	141	34.8	823,342	2,589,161	
403 MULTI-USE-FOREST TO	62	11.5	223,597	814,400	
404 WILDER AND FISH ECO	452	141.0	1,429,144	13,063,239	
405 TRIPS HADIFICATION	91	23.0	299,011	1,915,524	
406 MINERALS & THER DEV	561	203.6	2,311,952	14,664,163	
407 RURAL INCOME IMP	165	43.6	1,344,349	2,539,595	
408 RURAL INCOME IMP	284	77.2	2,108,663	5,164,844	
409 UNCLASSIFIED	41	111.3	1,055,217	13,140,479	
SUBTOTAL	2457	574.1	13,015,494	74,601,935	
SCIENCE IN SERV OF MAN					
GRAND TOTAL	19495	6556.7	101,163,482	594,229,514	

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG PRD APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA WITH S 5YS 1977	AMC
0100 SOIL AND LAND	13	4.2	61,595	512,674	*	
0200 WATER	7	2.1	28,306	167,345	*	
0500 RECREATION RESOURCES	1	0.8	0	71,451	*	
0600 TIMBER FORST PRODUCT	26	11.7	164,497	835,945	*	27
0700 RANGE	1	0.1	0	12,374	*	
0800 WILDLIFE AND FISH	23	22.9	153,974	1,251,469	*	16
1000 FRUIT NUTS DECIDUOUS	11	5.8	83,230	439,105	*	
1100 POTATOES	3	0.6	3,400	63,480	*	
1200 VEGETABLES	14	6.8	118,164	501,521	*	4
1300 ORNAMENTALS TURF	5	4.3	51,014	393,158	*	
1400 COWS	5	2.2	47,167	164,260	*	
1500 GRAIN SORGHUM	5	0.4	6,544	31,104	*	
1700 WHEAT	4	0.5	6,557	46,703	*	
1800 OTHER SMALL GRAINS	5	0.9	17,285	61,117	*	
1900 PASTURE	2	6.5	11,770	61,522	*	
2000 FORAGE CROPS	14	9.0	214,267	906,094	*	
2100 COTTON	9	4.5	78,319	421,555	*	
2200 LOTUSSEED	1	0.3	0	21,535	*	21
2300 SOYBEANS	17	5.1	105,504	655,849	*	
2400 PEANUTS	10	6.0	7,012	417,376	*	1
2500 POULTRY	14	6.6	225,269	812,700	*	48
3000 BEEF CATTLE	20	16.5	100,611	1,577,243	*	62
3100 DAIRY CATTLE	16	6.8	128,122	761,613	*	27
3200 SWINE	4	5.7	105,745	753,176	*	1
3400 OTHER ANIMALS	1	0.2	13,345	67,415	*	
3700 CLOTHING & TEXTILES	5	0.8	28,262	69,264	*	17
3800 FOOD	3	0.6	15,461	82,130	*	35
3900 HOUSING & EQUIP	1	1.1	10,145	104,584	*	25
4000 PEOPLE AS INDIVIDUAL	4	1.5	47,514	71,506	*	
4100 FAMILY MEMBERS	2	0.5	9,232	24,943	*	
4200 FARM AS BUSINESS	5	0.7	15,796	60,227	*	6
4300 SOC POLIT ORGANIZ	6	2.1	69,152	111,311	*	
4400 AGRIC ECONOMY U S	1	0.3	4,197	10,473	*	
4700 OTH MARKET PROCESE	1	0.1	0	3,701	*	
4800 MARKETING SYSTEMS	2	1.2	62,967	82,403	*	
6100 BIG CELL SYSTEMS	1	0.1	0	6,249	*	
6500 INVERTEBRATES	2	0.8	5,717	57,641	*	
6600 MICROORGANISMS, VIRUS	4	1.2	15,954	60,145	*	
6700 PLANTS	6	5.7	69,424	345,043	*	
6800 ANIMALS (VEPTERATES)	3	0.7	7,413	64,214	*	
6900 RESEARCH ON BSCN NCH	1	0.0	143,360	144,360	*	
9900 UNCLASSIFIED	1	9.6	0	611,899	*	1
TOTAL	305	155.7	2,726,062	13,021,458	*	297

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG PRD APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA WITH S 5YS 1977	AMC
0100 SOIL AND LAND	2	0.1	10,615	120,613	*	
0400 AIR AND CLIMATE	1	0.1	35,039	143,353	*	
0500 RECREATION RESOURCES	2	1.7	50,560	50,560	*	
0600 TIMBER FORST PRODUCT	1	0.1	3,806	12,270	*	
0700 RANGE	1	0.0	2,074	5,502	*	
1000 FRUIT NUTS DECIDUOUS	1	0.4	22,209	61,421	*	
1100 POTATOES	1	0.2	0	25,713	*	
1200 VEGETABLES	2	0.4	15,661	51,257	*	
1300 ORNAMENTALS TURF	2	0.4	25,595	76,590	*	
1700 WHEAT	3	0.4	10,251	59,915	*	
1800 OTHER SMALL GRAINS	4	1.1	28,049	161,966	*	
1900 PASTURE	2	0.1	14,718	42,339	*	
2000 FORAGE CROPS	3	0.8	72,612	176,614	*	
2500 OTHER OILSEED CROPS	1	0.1	0	3,616	*	
3000 BEEF CATTLE	1	0.0	0	7,628	*	
3100 DAIRY CATTLE	6	1.4	105,651	152,521	*	
3600 FARM SUPPLY & FACILITS	1	0.2	30,138	91,243	*	
3800 FOOD	1	0.3	15,307	15,307	*	
4200 FARM AS BUSINESS	1	0.1	0	3,616	*	
4300 SOC POLIT ORGANIZ	1	0.7	21,377	47,393	*	
4400 AGRIC ECONOMY U S	1	0.5	14,584	31,588	*	
4800 MARKETING SYSTEMS	1	0.1	4,408	4,408	*	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ALASKA FAIRBANKS

CLASSIFICATION CATEGORY	NO OF PAGES	SCIENTIST YEARS 1977	REG FED APPR/ CSES ADMINSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA C 1977
0101 SOIL AND LAND	15	6.2	35,625	446,273	
0102 WATER	12	1.7	54,543	134,683	
0301 WATERSHEDS RIVER BAS	3	1.3	7,937	27,394	
0400 AIR AND CLIMATE	7	0.1	2,156	5,774	
0500 RECREATION RESOURCES	2	0.1	4,172	7,102	
0600 TIMBER FOREST PRODUCT	27	5.5	193,250	631,447	
0700 RANGE	3	1.0	28,191	44,530	
0800 WILDLIFE AND FISH	3	0.3	29,166	16,683	
1000 FRUIT NUTS DELICIOUS	25	4.5	166,754	693,938	
1100 FACTORS	1	0.1	776	12,244	
1200 VEGETABLES	26	7.4	155,947	738,563	
1300 ORNAMENTALS TURF	7	2.0	40,349	122,462	
1400 CEREAL	7	0.5	16,853	67,963	
1500 GRAIN SOBGRUM	9	3.7	16,371	89,685	
1600 BEET	15	5.5	55,969	673,370	
1700 WHEAT	7	1.3	27,582	121,706	
1800 OTHER SMALL GRAINS	4	1.2	26,847	109,752	
1900 PASTURE	4	0.1	4,375	14,616	
2000 FORAGE CROPS	15	1.7	36,339	162,836	
2100 COTTON	31	9.0	181,172	908,806	
2200 SOYBEANS	35	10.6	229,407	1,551,266	
2300 MISC NEW CROPS	1	0.1	4,217	19,668	
2400 FOLIAGE	25	7.8	156,172	701,317	
3101 BEEF CATTLE	23	4.3	105,265	1,367,730	
3102 DAIRY CATTLE	19	5.7	149,735	791,953	
3200 SWINE	12	2.1	47,624	282,712	
3300 SHEEP AND WOOL	6	1.3	29,636	117,373	
3400 OTHER ANIMALS	10	1.1	11,728	99,159	
3500 CLOTHING & TEXTILES	1	0.4	1,405	11,505	
3600 FARM	3	1.3	41,042	76,496	
3700 HOUSING & EQUIP	4	1.2	2,755	62,475	
4000 PEOPLE AS INDIVIDUAL	6	1.4	11,111	115,979	
4100 FAMILY MEMBERS	4	0.9	16,407	41,517	
4200 FARM AS BUSINESS	3	1.1	5,920	25,117	
4300 SOC POLICY ORGANIZ	11	2.4	76,474	142,247	
4400 FARM COOPERATIVES	1	0.1	3,545	7,444	
4500 INVESTIGATES	3	1.1	29,418	78,018	
4600 MISCOFFICINISTS, VETS	3	0.5	11,537	41,710	
4700 PLANTS	7	2.0	24,484	167,294	
4800 ANIMALS (VERTEBRATES)	3	1.4	18,054	129,294	
7000 REGR POLIF & TECHNOL	2	0.0	0	1,496	
TOTAL	464	57.0	2,138,534	10,654,255	

TABLE II-6 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ARIZONA

CLASSIFICATION CATEGORY	NO OF YEARS 1900	SCIENTIST YEARS 1977	REG FED APPR/ CSES ADMINSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA C 1977
0101 SOIL AND LAND	33	8.5	84,552	565,182	
0102 WATER	27	7.3	90,125	539,841	
0301 WATERSHEDS RIVER BAS	3	1.4	1,105	15,006	
0400 AIR AND CLIMATE	6	2.0	3,579	197,829	
0500 RECREATION RESOURCES	5	1.8	14,801	100,983	
0600 TIMBER FOREST PRODUCT	7	2.4	21,231	177,359	
0700 RANGE	8	2.7	25,465	154,984	
0800 WILDLIFE AND FISH	2	0.9	18,441	50,831	
0900 CROPS SUB TROP PROD	12	5.7	45,821	571,789	
1000 FRUIT NUTS DELICIOUS	9	1.6	9,493	65,893	
1100 FACTORS	4	1.1	11,104	91,493	
1200 VEGETABLES	33	10.8	66,635	685,840	
1300 ORNAMENTALS TURF	14	3.1	18,573	246,404	
1500 GRAIN SOBGRUM	5	0.7	4,515	69,115	
1600 BEET	8	1.5	9,213	89,115	
1800 OTHER SMALL GRAINS	8	0.9	12,765	124,613	
2000 FORAGE CROPS	18	4.6	40,956	295,192	
2100 COTTON	37	14.5	131,349	1,050,326	
2200 COTTONSEED	2	1.2	13,663	136,156	
2300 SOYBEANS	2	0.3	4,588	14,318	
2500 OTHER OILSEED CROPS	4	0.6	4,584	64,219	
2600 TOBACCO	1	0.7	9,296	46,219	
2700 SUGAR CROPS	7	1.3	2,376	89,440	
2800 MISC NEW CROPS	5	1.0	8,749	156,252	
2900 FOLIAGE	4	0.8	16,482	122,475	
3000 BEEF CATTLE	22	9.6	120,059	809,107	
3100 DAIRY CATTLE	20	7.2	91,586	659,657	
3200 SWINE	4	0.8	9,719	64,218	
3300 SHEEP AND WOOL	3	0.3	16,161	35,019	
3400 OTHER ANIMALS	6	1.4	13,405	79,023	
3500 BEES AND BUNNY	1	0.1	1,976	5,442	
3600 FARM SUPP & FACILITIES	2	0.7	5,103	33,672	

CLASSIFICATION CATEGORY	NO OF PROJ	SCALES 1977	REG F20 APPR CSRS ADMSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	OSSE COR/G/CA S/S 1977	WTR MCMO 1977
00 SOIL AND LAND	100	34.0	166,566	1,729,870	*	169,969
00 WATER	67	16.6	110,820	1,765,127	*	129,028
00 WATERSHEDS RIVER BAS	7	0.7	6,951	54,127	*	5,172
00 AIR AND CLIMATE	14	4.1	13,242	440,285	*	30,910
00 RECREATION RESOURCES	13	3.6	31,121	279,242	*	7,334
00 TIMBER FOREST PRODUCT	60	35.3	112,716	3,092,223	*	222,192
00 PARKS	24	8.3	35,681	617,355	*	907
00 WILDLIFE AND FISH	42	14.7	85,502	2,115,873	*	56,186
00 CITRUS SUB TROP FRUIT	72	30.5	146,044	3,514,241	*	26,684
00 FRUIT NUTS DECIDUOUS	113	43.0	245,424	4,584,679	*	24,504
00 TUBEROSES	12	4.2	16,658	315,529	*	35
00 VEGETABLES	101	32.2	158,310	3,708,602	*	14,744
00 PERMANENTALS TURF	10	12.9	26,742	1,299,373	*	4,752
00 CORN	11	1.9	16,031	208,165	*	0
00 GRAIN SCORRHUM	5	0.2	200	57,686	*	853
00 RICE	12	4.1	18,230	530,289	*	11,311
00 WHEAT	15	4.0	37,617	434,899	*	22,337
00 OTHER SMALL GRAINS	14	2.8	24,844	351,190	*	263
00 PASTURE	5	2.1	1,083	63,697	*	6,450
00 FORAGE CROPS	40	14.4	81,265	1,235,797	*	42,915
00 COTTON	16	14.5	62,116	1,406,752	*	53,866
00 COTTONSEED	1	0.2	842	2,076	*	0
00 SOYBEANS	7	6.7	4,630	330,353	*	70,045
00 OTHER OILSEED CROPS	10	3.0	16,801	479,183	*	3,634
00 SUGAR CROPS	11	3.2	14,706	349,744	*	2,365
00 RTSC NEW CROPS	3	0.6	4,608	160,237	*	721
00 FOULTRY	33	12.9	61,048	1,252,636	*	11,745
00 DEEP CATTLE	47	12.2	120,341	1,406,577	*	157,352
00 DAIRY CATTLE	37	8.6	74,249	971,119	*	130,250
00 SWINE	3	0.5	184	49,645	*	0
00 SHEEP AND WOOL	22	5.2	34,605	447,478	*	11,659
00 OTHER ANIMALS	19	7.0	32,964	756,419	*	0
00 BPS AND HONEY	12	5.4	25,848	374,234	*	19,333
00 FARM SUPPL FACILITIES	6	1.3	30,973	161,508	*	15,314
00 CLOTHING & TEXTILES	8	1.9	17,956	127,993	*	0
00 FOOD	51	14.3	124,614	1,524,371	*	40,600
00 HOUSING & EQUIP	15	3.4	10,630	245,453	*	1,546
00 PEOPLE AS INDIVIDUAL	76	24.1	193,032	2,415,469	*	61,851
00 FAMILY MEMBERS	7	1.0	9,617	53,105	*	0
00 FARM AS BUSINESS	5	0.7	0	33,696	*	0
00 SOC VOLIC ORGANIZ	16	5.6	48,183	327,433	*	0
00 AGRIC ECONOMY U S	6	0.7	4,763	54,611	*	905
00 AGRIC ECONOMY FORG	4	1.3	17,701	110,974	*	1,168
00 FARM COOPERATIVES	5	0.6	1,451	22,124	*	565
00 OTH MARKET PROCESS	3	0.2	4,991	11,693	*	565
00 MARKETING SYSTEMS	6	0.9	10,227	43,102	*	3,705
00 WEBS	7	3.6	40,505	230,826	*	14,027
00 REEPP RESEARCH	2	0.9	0	66,411	*	0
00 DIG CELL SYSTEMS	13	10.9	19,965	1,606,998	*	4,925
00 EXP DESIGN/STAT MEIN	6	1.5	0	210,901	*	71,352
00 INVLTRUGATES	76	36.6	133,767	3,717,046	*	25,079
00 MICROORGANISMS, VIRUS	16	12.6	54,676	1,290,143	*	2,957
00 PLANTS	119	45.0	200,535	4,195,532	*	25,974
00 ANIMALS (VENTERATES)	39	15.0	49,189	1,581,240	*	19,614
00 RESEARCH ON BSCH MGM	4	0.9	15,186	113,352	*	0
00 BSCH EQUIP & TECHNOL	10	7.4	5,509	768,484	*	0
00 UNCLASSIFIED	3	1.0	1,300	71,023	*	16,610
TOTAL	1572	549.4	3,074,630	55,407,488	*	1,518,747

CLASSIFICATION CATEGORY	NO OF PEOPLE	SCIENTIST YEARS 1977	REG FND APPR/ CSRS ACHIEVED (GROSS) 1977	(GROSS) 1977	SYN 1977
0100 SOIL AND LAND	22	13.8	210,871	1,102,566	*
0200 WATER	28	17.5	158,665	1,523,161	*
0300 WATERSHEDS RIVER BAS	6	6.8	23,198	673,454	*
0400 AIR AND CLIMATE	5	5.1	0	1,097,724	*
0500 TIMBER FOREST PRODUCTS	9	1.8	25,338	135,935	*
0600 RANGE	5	8.0	35,657	1,466,810	*
0700 WILDLIFE AND FISH	3	0.4	1,159	82,892	*
0800 FRUIT NUTS DECIDUOUS	7	4.6	55,875	166,413	*
0900 POTATOES	5	5.6	50,017	274,126	*
1000 VEGETABLES	12	6.2	55,801	364,186	*
1100 ORNAMENTALS TOPP	4	3.2	1,375	171,196	*
1200 CORN	5	2.7	19,381	103,190	*
1300 OTHER CEREALS	3	0.1	9,017	29,951	*
1400 WHEAT	5	7.3	6,266	234,981	*
1500 OTHER SMALL GRAINS	7	1.6	37,008	109,387	*
1600 PASTURE	2	0.2	3,416	26,571	*
1700 HORSE CROPS	9	1.5	41,453	191,105	*
1800 COTTONSEED	1	0.0	552	4,641	*
1900 SUGARBEETS	2	0.1	552	25,167	*
2000 PEANUTS	1	0.0	552	4,641	*
2100 OTHER OILSEED CROPS	2	0.1	552	25,167	*
2200 SUGAR CROPS	5	1.1	21,795	84,701	*
2300 BULLY	4	3.2	52,497	284,235	*
2400 BEEF CATTLE	14	26.2	388,061	5,710,684	*
2500 DAIRY CATTLE	3	0.8	17,135	81,706	*
2600 SWINE	1	0.0	552	4,641	*
2700 SHEEP AND WOOL	5	0.9	17,141	90,301	*
2800 OTHER ANIMALS	4	0.8	13,617	93,052	*
2900 FARM SUPP & FACILITIES	1	0.3	6,222	10,060	*
3000 CLOTHING & TEXTILES	2	0.3	7,050	11,588	*
3100 FOOD	7	2.1	24,568	216,276	*
3200 HOUSING & EQUIP	3	5.5	2,244	885,594	*
3300 PEOPLE AS INDIVIDUAL	9	3.0	15,070	361,814	*
3400 FAMILY MEMBERS	5	0.7	26,007	34,606	*
3500 FARM AS BUSINESS	2	0.2	4,329	11,171	*
3600 SOC EDUIT ORGANIZ	11	2.6	85,769	225,263	*
3700 FARM COOPERATIVES	1	0.3	6,222	10,060	*
3800 WEEDS	1	0.1	1,299	10,422	*
3900 SEED RESEARCH	1	0.0	0	119,075	*
4000 INVENTORIES	1	0.0	0	4,154	*
4100 PLANTS	3	1.0	3,616	57,053	*
4200 ANIMALS (VETERINARIAN)	5	14.0	11,445	1,230,201	*
4300 RESEARCH ON ESCH MOH	1	0.3	0	15,692	*
4400 RECH EQUIP & TECHNOL	3	0.3	1,299	62,937	*
4500 UNCLASSIFIED	1	0.6	0	190,670	*
TOTAL	245	160.4	1,398,320	10,067,321	*

CLASSIFICATION CATEGORY	NO OF PEOPLE	SCIENTIST YEARS 1977	REG FND APPR/ CSRS ACHIEVED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	UNDA CON/INT/CA W SYS 1977
0100 SOIL AND LAND	3	0.9	1,202	44,791	*
0200 WATER	5	4.4	53,166	176,127	*
0300 WATERSHEDS RIVER BAS	1	1.5	4,047	60,524	*
0400 AIR AND CLIMATE	1	0.5	6,707	29,006	*
0500 TIMBER FOREST PRODUCTS	12	6.6	77,871	328,527	*
0600 FRUIT NUTS DECIDUOUS	6	4.0	84,795	206,669	*
0700 POTATOES	5	1.4	26,740	67,416	*
0800 VEGETABLES	9	4.4	59,012	206,150	*
0900 ORNAMENTALS TOPP	7	1.9	3,121	89,063	*
1000 CORN	6	1.7	22,954	63,167	*
1100 SUGARBEETS	5	2.2	41,011	119,310	*
1200 TOBACCO	9	4.3	78,224	204,592	*
1300 MISC NEW CROPS	1	0.1	150	5,676	*
1400 OTHER ANIMALS	2	2.7	6,259	35,577	*
1500 CLOTHING & TEXTILES	1	0.2	0	4,644	*
1600 FOOD	1	0.4	4,753	19,673	*
1700 PEOPLE AS INDIVIDUAL	2	1.2	25,037	55,068	*
1800 BIO CELL SYSTEMS	2	0.5	11,212	27,715	*
1900 PLANTS	4	2.3	9,656	110,954	*
TOTAL	82	39.1	515,976	1,081,237	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CGRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/ SYS 1977
0100 SOIL AND LAND	4	0.9	5,624	5,944	*
0200 WATER	3	0.8	2,903	3,333	*
0300 WATERSHEDS RIVER BAS	1	0.1	246	403	*
0400 AIR AND CLIMATE	2	0.2	5,250	5,450	*
0500 RECREATION RESOURCES	4	0.6	19,078	19,733	*
0600 TIMBER FOREST PRODUCT	3	0.5	8,161	8,381	*
0600 WILDLIFE AND FISH	1	0.4	9,716	9,716	*
1000 FRUIT NUTS DECIDUOUS	2	0.3	39,945	39,945	*
1100 POTATOES	3	0.2	13,309	21,731	*
1200 VEGETABLES	5	0.9	35,657	39,069	*
1300 ORNAMENTALS TURF	3	1.0	17,574	18,443	*
1400 CORN	4	1.5	15,516	16,933	*
2000 FRAGR CROPS	3	0.1	10,515	15,008	*
2900 POULTRY	16	6.2	102,090	374,618	*
3200 BEEF CATTLE	2	0.7	2,790	4,671	*
3100 DAIRY CATTLE	10	1.1	41,886	65,909	*
3200 SWINE	1	0.4	3,092	3,595	*
3100 SHEEP AND GOAT	2	0.6	5,524	7,277	*
3400 OTHER ANIMALS	11	6.5	72,044	106,836	*
3500 BEES AND HONEY	1	0.1	16,374	18,174	*
3600 FARM SUPP & FACILITS	1	0.1	2,661	2,724	*
3800 FOOD	2	0.6	18,345	18,413	*
3900 HOUSING & EQUIP	2	0.4	6,155	6,760	*
4000 PEOPLE AS INDIVIDUAL	4	0.9	23,043	23,605	*
4100 FAMILY MEMBERS	1	0.2	2,530	8,630	*
4100 SOC POLIT ORGANIZ	6	1.7	62,756	64,596	*
6100 WEEDS	1	0.1	6,664	7,517	*
6300 DIO CELL SYSTEMS	1	0.3	0	436	*
7000 RSCH EQUIP & TECHNOL	1	0.5	7,500	8,019	*
5900 UNCLASSIFIED	2	5.3	52,556	1,780,667	*
TOTAL	102	33.1	694,702	2,699,421	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - DELAWARE NEWARK

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CGRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/ SYS 1977
0100 SOIL AND LAND	2	0.9	18,129	48,588	*
0200 WATER	4	0.5	44,783	81,119	*
0500 RECREATION RESOURCES	1	0.6	36,674	46,604	*
0600 TIMBER FOREST PRODUCT	2	1.1	28,480	44,957	*
0800 WILDLIFE AND FISH	4	1.0	17,076	50,631	*
1000 FRUIT NUTS DECIDUOUS	1	0.1	9,584	9,954	*
1100 POTATOES	1	0.1	9,020	9,172	*
1200 VEGETABLES	9	1.9	127,197	244,968	*
1300 ORNAMENTALS TURF	3	0.3	16,774	41,792	*
1400 CORN	6	1.4	59,859	111,692	*
1500 GRAIN SORGHUM	1	0.1	2,457	4,845	*
1700 WHEAT	1	0.1	2,457	4,845	*
2300 SOYBEANS	2	1.9	63,445	133,485	*
2900 POULTRY	7	2.5	68,060	516,716	*
3000 BEEF CATTLE	2	0.1	370	48,952	*
3100 DAIRY CATTLE	7	2.3	108,194	291,024	*
3400 OTHER ANIMALS	2	0.0	1,953	2,472	*
3500 BEES AND HONEY	1	0.6	19,664	25,790	*
3600 FARM SUPP & FACILITS	2	0.8	20,244	68,916	*
3700 CLOTHING & TEXTILES	1	0.0	107	107	*
3800 FOOD	1	0.3	7,435	15,404	*
4000 PEOPLE AS INDIVIDUAL	5	1.1	29,750	90,011	*
4100 FAMILY MEMBERS	1	0.1	4,616	4,636	*
4300 SOC POLIT ORGANIZ	1	0.8	12,546	27,093	*
4400 AGRIC ECONOMY U S	3	0.6	5,133	41,069	*
6500 INVERTEBRATES	1	0.1	0	2,781	*
6700 PLANTS	2	0.3	51,885	70,947	*
9900 UNCLASSIFIED	1	0.5	0	51,761	*
TOTAL	82	22.4	784,997	2,150,080	*

CLASSIFICATION CATEGORY	OF PROJ	YEARS 1977	CBRS ADMS250 [GROSS] 1977	CBRS ADMS250 [GROSS] 1977
3100 SOIL AND LAND	55	23.6	94,181	1,996,266
0200 WATER	39	15.4	12,938	1,128,555
0430 WATERBODIES RIVER BAS	5	2.1	3,211	163,206
0400 AIR AND CLIMATE	4	0.5	12,036	94,761
0500 RECREATION RECREATION	2	0.3	0	15,501
3600 TIMBER FOREST PRODUCT	26	11.5	246,039	1,057,100
0700 FANJIE	6	1.4	36,803	136,053
0400 WILDLIFE AND FISH	22	8.4	46,020	581,194
0300 CITRUS SUB TREE FRUIT	76	44.3	51,992	3,638,056
1000 FRUIT NUTS DECIDUOUS	49	16.6	15,081	1,210,356
1100 FOLIAGES	9	2.9	1,136	170,411
1200 VEGETABLES	111	50.3	112,329	3,436,805
1300 ORNAMENTALS TURF	53	29.1	19,592	1,904,367
1400 CORN	23	5.7	20,541	461,983
1500 GRAIN SOYBEAN	13	1.0	0	61,862
1700 WHEAT	6	0.6	0	54,213
1600 OTHER SMALL GRAINS	4	1.3	0	37,563
1900 PASTURE	25	8.3	7,356	654,465
2300 YCRAO CROPS	43	16.3	24,274	1,078,028
2100 COTTON	1	0.2	0	9,841
2400 SOYBEANS	32	6.4	47,091	513,534
2400 PEANUTS	21	6.7	46,111	403,702
2400 TOBACCO	4	2.6	7,023	105,650
2700 CIGAR CROPS	4	1.0	0	160,281
2800 MISC NEW CROPS	6	0.5	14,359	51,713
2900 FOLIAGE	22	7.2	102,722	573,059
3000 BERT CATTLE	63	21.8	133,223	2,201,207
3100 DAIRY CATTLE	32	11.8	172,765	1,175,086
3200 SWINE	18	4.3	29,025	517,020
3300 SHEEP AND WOOL	9	1.5	22,673	135,132
3400 OTHER ANIMALS	17	5.8	67,365	453,303
3500 BEES AND HONEY	1	1.2	10,639	43,746
3600 FARM SUPP & FACILITY	1	0.1	0	3,450
3800 FOOD	8	4.5	18,354	276,723
3900 HOUSING & EQUIP	4	1.4	0	100,998
4000 PEOPLE AS INDIVIDUAL	4	1.8	16,404	461,282
4100 FAMILY MEMBERS	1	0.1	3,666	9,666
4200 FARM AS BUSINESS	2	2.7	1,133	48,564
4300 SOC POLIT ORGANIZ	3	6.9	18,611	144,036
4400 AGRIC ECONOMY U S	3	3.2	2,626	141,641
4600 FARM COOPERATIVES	1	0.4	3,608	16,683
4700 OTH MARKET PROCESS	1	0.6	5,051	23,356
4800 MARKETING SYSTEMS	1	1.0	9,021	41,708
6100 WEEDS	1	0.3	0	31,547
6300 DTD CELL SYSTEMS	3	0.7	323	25,515
6400 EXP DESIGN/STAT METH	1	3.0	15,131	261,329
6500 INVERTEBRATES	0	7.6	31,323	541,199
6600 MICROORGANISMS, VIRUS	13	6.7	57,320	374,278
6700 PLANTS	22	0.6	82,534	907,510
6800 ANIMALS (VERTEBRATES)	5	1.4	7,419	111,853
7000 RSCH EQUIP & TECHNOL	2	0.1	1,226	10,723
9900 UNCLASSIFIED	1	0.0	0	593,279
TOTAL	892	368.4	1,706,177	20,151,576

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIFIC YEARS 1977	REG. PER APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA SYS 1977	WITH S AND
0100 SOIL AND LAND	16	7.4	149,588	998,501	*	
0200 WATER	19	4.6	12,864	167,113	*	
0300 WATERSHEDS RIVER BAS	1	0.2	4,667	20,705	*	
0400 AIR AND CLIMATE	1	0.2	27	11,611	*	
0500 RECREATION RESOURCES	2	3.6	4,922	24,493	*	
0600 TIMBER FOREST PRODUCT	26	21.9	239,680	1,358,354	*	76.
0700 RANGE	1	0.3	3	3,177	*	
0800 WILDLIFE AND FISH	10	6.6	103,709	601,669	*	
1000 FRUIT NUTS DECIDUOUS	41	15.3	272,232	1,094,450	*	2.
1200 VEGETABLES	15	15.3	206,369	1,138,620	*	9.
1300 ORNAMENTALS TURF	20	7.4	107,835	459,353	*	
1400 CORN	20	4.5	74,443	350,662	*	1.
1500 GRAIN SORGHUM	11	2.2	40,623	199,136	*	
1700 WHEAT	11	1.5	36,725	116,786	*	
1800 OTHER SMALL GRAINS	9	2.7	43,133	128,560	*	
1900 PASTURE	6	1.0	16,331	234,094	*	
2000 FORAGE CROPS	21	7.1	107,185	477,550	*	
2100 COTTON	12	1.7	32,215	150,671	*	
2200 COTTONSEED	2	0.4	1,561	25,902	*	
2300 SOYBEANS	27	9.9	116,974	716,074	*	12.
2400 PEANUTS	24	9.9	79,236	777,671	*	
2500 OTHER OILSEED CROPS	1	0.1	297	5,355	*	
2600 TOBACCO	7	2.9	9,034	229,413	*	
2800 MISC NEW CROPS	1	0.3	13,910	15,001	*	
2900 POULTRY	48	12.1	216,112	1,362,037	*	11.
3000 BEEF CATTLE	37	11.9	125,525	1,439,959	*	
3100 DAIRY CATTLE	11	0.3	102,935	1,239,747	*	
3200 SWINE	22	7.0	105,010	710,735	*	12.
3300 SHEEP AND GOAT	2	0.1	11,362	17,547	*	
3400 OTHER ANIMALS	3	0.1	16,384	61,312	*	
3500 BEES AND HONEY	1	0.1	151	13,044	*	11.
3600 FARM SUPP & FACILITIES	1	0.2	355	10,698	*	
3800 FOOD	13	4.0	134,501	453,362	*	3.
3900 HOUSING & EQUIP	7	1.3	15,100	101,548	*	
4000 PEOPLE AS INDIVIDUAL	12	2.2	59,566	104,329	*	
4100 FAMILY MEMBERS	5	0.1	6,630	30,218	*	
4200 YOUTH AS BUSINESS	6	1.4	15,310	150,624	*	1.
4300 SOC TOLIT ORGANIZ	9	4.7	31,513	150,015	*	
4400 AGRIC ECONOMY H S	2	1.1	7,716	52,204	*	
4600 FARM COOPERATIVES	1	0.1	1,456	15,343	*	
4700 OTH MARKET PROCESS	1	3.0	621	2,453	*	
6100 WEEDS	1	0.2	382	46,042	*	
6500 INVERTEBRATES	1	0.2	0	5,951	*	
6600 MICROORGANISMS, VIRUS	4	1.1	565	115,362	*	21.
6700 PLANTS	16	5.5	121,186	321,402	*	6.
6800 ANIMALS (VERTEBRATES)	3	0.2	806	17,402	*	
7000 RSCH EQUIP & TECHNOL	1	0.1	1,489	7,178	*	
TOTAL	519	107.5	2,809,009	15,529,315	*	19.1

TABLE II-6 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - GUAM

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIFIC YEARS 1977	REG. PER APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA SYS 1977	WITH S AND 1
0100 SOIL AND LAND	1	0.1	121,606	121,606	*	
0600 TIMBER FOREST PRODUCT	1	0.2	32,490	32,490	*	
0900 CITRUS SUB TROP FRUIT	1	0.3	5,071	5,071	*	
1200 VEGETABLES	6	1.6	316,891	310,891	*	
1300 ORNAMENTALS TURF	1	0.0	5,071	5,071	*	
4300 SOC TOLIT ORGANIZ	1	0.3	4,272	4,272	*	
TOTAL	11	1.0	475,601	475,601	*	

0100	SOIL AND LAND	19	5.9	50,054	279,391	*
0200	WATER	9	1.4	25,453	98,017	*
0300	WATERSHEDS RIVER BAS	2	0.5	5,541	23,041	*
0400	AIR AND CLIMATE	1	0.1	3,555	14,816	*
0500	RECREATION RESOURCES	1	1.5	40,142	175,377	*
0600	TIMBER FOREST PRODUCT	10	2.4	7,038	55,464	*
0700	RANGE	6	1.1	726	104,654	*
0800	WILDLIFE AND FISH	4	0.4	164,156	1,326,467	*
0900	FRUIT NUTS DECIDUOUS	16	3.8	43,237	274,130	*
1100	POTATOES	3	0.4	0	32,966	*
1200	VEGETABLES	51	12.2	78,617	1,138,419	*
1300	ORNAMENTALS TURP	26	10.1	76,626	546,186	*
1400	CORN	15	2.9	20,520	324,873	*
1500	GRAIN SORGHUM	3	0.1	2,352	25,717	*
1600	RICE	2	0.1	0	7,812	*
1900	PASTURE	4	0.9	4,710	119,319	*
2000	FORAGE CROPS	13	2.2	15,711	151,221	*
2400	SOYBEANS	6	0.5	5,715	81,706	*
2600	PEANUTS	1	0.1	0	6,164	*
2700	SUGAR CROPS	18	2.8	25,704	152,248	*
2800	MISC NEW CROPS	3	1.9	966	173,310	*
2900	POULTRY	7	2.3	16,673	142,370	*
3000	BEEF CATTLE	11	3.5	55,579	302,409	*
3100	DAIRY CATTLE	11	1.6	37,720	192,469	*
3200	SWINE	6	0.7	210	99,028	*
3900	OTHER ANIMALS	4	1.0	0	60,040	*
4600	FARM SHOP & FACILITIES	2	0.5	0	38,921	*
4700	CLOTHING & TEXTILES	1	0.1	0	7,815	*
4800	FOOD	11	3.9	33,869	216,841	*
4900	HOUSING & EQUIP	7	1.9	15,974	120,664	*
4000	PEOPLE AS INDIVIDUAL	6	2.2	32,372	124,793	*
4100	FAMILY MEMBERS	2	1.4	17,753	18,640	*
4200	FARM AS BUSINESS	1	0.0	2,506	3,407	*
4300	AGRIC ECONOMY U S	2	3.4	5,647	14,427	*
4600	FARM COOPERATIVES	1	0.1	0	2,533	*
4800	MARKETING SYSTEMS	2	0.8	20,243	27,583	*
4900	NEEDS	2	6.3	1,237	11,312	*
6100	BIO CELL SYSTEMS	1	0.3	1,237	16,085	*
6400	EXP DESIGN/STAT METH	1	0.2	0	4,236	*
6500	INVERTEBRATES	6	1.6	2,552	95,289	*
6600	MICROORGANISMS, VIRUS	3	0.5	0	10,362	*
6700	PLANTS	4	0.9	4,563	50,640	*
6900	RESEARCH ON RSCH MGN	1	0.2	0	87,727	*
7000	RSCH BUDG & TECHNOL	1	0.1	0	14,905	*
9900	UNCLASSIFIED	1	0.5	0	27,830	*
TOTAL		362	95.1	616,176	6,629,838	*

TABLE II-2 SUMMARY OF SCI-YEAPS AND FUNDS FOR 1977 BY COMMODITY - ICADO MOSCOW

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG PRG APPR/ CERS ADMINSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/OPS SYS 1977
0100 SOIL AND LAND	19	5.9	92,564	467,732	*
0200 WATER	9	1.7	66,463	188,787	*
0300 WATERSHEDS RIVER BAS	2	0.5	1,111	2,905	*
0400 AIR AND CLIMATE	2	0.4	2,997	11,779	*
0500 RECREATION RESOURCES	1	1.5	3,217	25,929	*
0600 TIMBER FOREST PRODUCT	10	2.4	6,974	153,170	*
0700 RANGE	6	1.1	12,927	90,881	*
0800 WILDLIFE AND FISH	4	0.4	5,695	27,380	*
0900 FRUIT NUTS DECIDUOUS	7	1.7	31,055	130,231	*
1100 POTATOES	27	10.2	96,163	790,215	*
1200 VEGETABLES	26	11.2	152,619	504,861	*
1300 ORNAMENTALS TURP	2	0.6	13,049	36,673	*
1400 CORN	3	0.4	7,703	28,856	*
1500 GRAIN SORGHUM	2	0.2	854	7,954	*
1700 WHEAT	17	6.7	51,834	725,997	*
1800 OTHER SMALL GRAINS	9	2.4	12,705	389,259	*
2000 FORAGE CROPS	13	2.0	31,914	270,744	*
2100 SOYBEANS	1	0.0	54	83	*
2500 OTHER OILSEED CROPS	1	0.0	326	478	*
2700 SUGAR CROPS	7	1.1	21,879	17,232	*
2800 MISC NEW CROPS	5	2.4	109	247,632	*
2900 POULTRY	2	0.9	26,554	79,159	*
3000 BEEF CATTLE	11	3.4	245,070	891,049	*
3100 DAIRY CATTLE	8	2.6	45,265	277,493	*
3200 SWINE	1	0.6	7,624	20,568	*
3300 SHEEP AND WOOL	6	2.7	56,989	290,264	*
3900 OTHER ANIMALS	1	0.1	2,558	6,240	*
4600 FARM SHOP & FACILITIES	1	0.4	14,602	35,830	*
4700 CLOTHING & TEXTILES	4	0.3	10,591	33,639	*
4800 FOOD	4	1.4	12,797	72,299	*
4900 HOUSING & EQUIP	5	0.7	9,977	45,542	*

CATEGORY	1960	1977	CSRS 4045.19 (GROSS) 1977	CSRS55 1977	STS 1977	8
0100 SOIL AND LAND	11	14.9	208,666	801,374	*	
0200 WATER	11	3.4	43,409	221,201	*	
0300 WATERSHEDS RIVER BAS	4	0.9	22,533	41,454	*	
0400 AIR AND CLIMATE	2	1.0	5,727	71,864	*	
0500 RECREATION RESOURCES	4	0.7	21,716	29,735	*	
0600 TIMBER FOREST PRODUCT	20	5.4	124,211	249,714	*	
0800 WILDLIFE AND FISH	1	5.3	3,096	15,732	*	
1000 FURB MTS DECECTIONS	12	5.7	4,600	42,056	*	
1200 VEGETABLES	17	5.6	94,054	439,396	*	
1300 ORNAMENTALS TURF	16	0.7	32,165	210,467	*	
1400 CORN	36	12.2	249,750	977,904	*	2
1500 GRAIN SCORRUM	0	0.8	17,046	42,175	*	
1600 RICE	1	0.2	1,154	8,334	*	
1700 WHEAT	11	1.1	17,441	50,775	*	
1800 OTHER SMALL GRAINS	7	0.0	10,492	72,216	*	
1900 PASTURE	1	0.4	5,673	23,664	*	
2000 FORAGE CROPS	12	4.9	58,475	161,809	*	
2100 COTTON	4	0.1	1,643	3,375	*	
2300 SOYBEANS	46	19.6	307,694	1,147,367	*	00
2400 LEGUMES	1	0.9	2,088	19,935	*	
2500 OTHER OILSEED CROPS	1	0.2	7,577	19,498	*	
2700 SUGAR CROPS	1	0.0	217	1,119	*	
2800 KICK NEW CROPS	3	0.1	11,122	15,253	*	
2900 COUNTRY	6	1.9	32,150	224,695	*	
3300 BEEF CATTLE	17	7.6	161,578	710,192	*	1
3400 DAIRY CATTLE	11	10.5	303,157	1,255,139	*	1
3200 SWINE	22	9.1	470,993	1,111,660	*	
3300 SHEEP AND GOAT	5	1.2	41,065	263,071	*	
3400 OTHER ANIMALS	16	4.4	67,100	411,445	*	13
3500 BEES AND HONEY	1	0.6	2,551	34,751	*	
3600 FARM SUPP & FACILITIES	1	1.6	22,425	87,965	*	
3700 CLOTHING & TEXTILES	1	0.2	12,078	25,408	*	
3800 FISH	19	3.7	109,551	436,757	*	
3900 HOUSING & EQUIP	9	4.6	109,862	344,416	*	
4000 PEOPLE AS INDIVIDUAL	14	2.8	54,041	297,666	*	
4100 FAMILY MEMBERS	6	7.1	51,463	141,783	*	
4200 FARM AS BUSINESS	7	4.2	124,236	201,012	*	
4300 SOC POLI, ORGANIZ	7	4.1	70,726	150,176	*	
4400 ECON RECONSTRY U S	4	2.2	63,269	125,191	*	
4600 FARM COOPERATIVES	1	0.1	5,022	7,162	*	
4800 MARKETING SYSTEMS	4	1.1	45,635	108,014	*	25
6100 BIO CELL SYSTEMS	7	2.5	57,711	244,189	*	
6400 EXP DESIGN/STAT METH	7	1.6	9,210	67,007	*	
6600 MICROORGANISMS, VIRUS	4	1.6	19,101	66,881	*	
6700 PLANTS	9	4.7	101,052	255,117	*	
6800 ANIMALS (VLT) PLANTS	3	0.6	25,002	45,591	*	
6900 RESEARCH ON TECH METH	2	0.2	1,462	7,730	*	
7000 RSCH EQUIP & TECHNOI	1	0.1	2,749	5,445	*	
9900 UNCLASSIFIED	1	0.1	13,918	17,011	*	
TOTAL	441	165.7	2,969,190	12,999,761	*	17

CATEGORY	CF PROJ	YEARS 1977	CSRS AMOUNT (GROSS) 1977	GROSS 1977	STS 1977
0100 SOIL AND LAND	28	8.2	101,269	979,362	*
0200 WATER	10	9.0	48,839	355,222	*
0300 WATERBODIES RIVER BAS	5	2.0	4,846	199,535	*
0400 AIR AND CLIMATE	6	1.6	41,424	156,656	*
0500 RECREATION RESOURCES	3	1.3	7,159	81,885	*
0600 TIME-SP FOREST PRODUCT	23	8.5	157,196	741,795	*
0800 WILDLIFE AND FISH	6	2.4	10,755	101,319	*
1000 FRUIT NUTS DECIDUOUS	10	4.3	63,109	248,761	*
1100 POTATOES	7	2.1	33,607	117,551	*
1200 VEGETABLES	23	5.1	131,164	481,258	*
1300 SEMI-MENTALS TREE	9	1.9	35,206	191,719	*
1400 CORN	47	10.7	231,659	999,140	*
1500 GRAIN SORGHUM	6	1.1	5,359	35,203	*
1700 WHEAT	21	5.4	51,451	362,376	*
1800 OTHER SMALL GRAINS	4	0.4	5,146	38,485	*
1900 PASTURE	2	0.4	2,102	25,379	*
2000 FORAGE CROPS	15	4.2	90,397	297,199	*
2100 SOYBEANS	35	10.1	129,324	774,291	*
2500 OTHER OILSEED CROPS	2	0.6	9	7,516	*
2700 SUGAR CROPS	1	0.1	2,124	5,660	*
2800 MISC NEW CROPS	3	2.9	13,477	135,240	*
2900 POULTRY	17	5.7	113,246	575,113	*
3000 BEEF CATTLE	36	6.9	110,297	1,377,960	*
3100 DAIRY CATTLE	26	6.5	170,556	781,294	*
3200 SWINE	37	11.2	117,696	1,314,243	*
3300 SHEEP AND WOOL	11	1.4	5,722	165,428	*
3400 OTHER ANIMALS	12	3.6	51,335	241,869	*
3500 BEES AND HONEY	1	0.1	0	10,696	*
3600 FARM SUPP & FACILITIES	4	0.6	10,324	60,179	*
3700 CLOTHING & TEXTILES	3	6.6	22,873	44,393	*
3800 FOOD	11	2.1	11,365	209,160	*
3900 HOUSING & EQUIP	13	1.7	31,303	124,013	*
4000 PEOPLE AS INDIVIDUAL	16	3.3	68,179	422,177	*
4100 FAMILY MEMBERS	11	0.4	48,714	93,474	*
4200 FARM AS BUSINESS	12	4.2	149,607	214,035	*
4300 SOC POLIT ORGANIZ	12	2.7	69,503	121,654	*
4400 AGRIC ECONOMY H & S	6	1.0	41,331	105,498	*
4500 AGRIC ECONOMY FORGN	2	0.6	14,246	29,902	*
4600 FARM COOPERATIVES	3	0.6	2,863	46,935	*
4700 OTH MARKET PROCESS	3	0.7	1,570	58,296	*
4800 MARKETING SYSTEMS	6	0.9	17,078	48,758	*
4900 WEBS	4	0.6	17,071	43,776	*
6200 BEE RESEARCH	1	0.2	2,436	12,690	*
6300 BIO CELL SYSTEMS	9	10.9	56,555	653,009	*
6400 EXP DESIGN/STAT METH	3	0.7	10,706	60,882	*
6503 INHERITANCE	0	4.7	51,631	186,703	*
6600 MICROORGANISMS, VIRUS	7	4.5	58,491	284,725	*
6703 PLANTS	15	5.1	108,710	390,791	*
6803 ANIMALS (VERTEBRATES)	18	7.2	136,616	630,985	*
7003 RSCH EQUIP & TECHROL	7	2.9	34,227	270,940	*
9900 UNCLASSIFIED	1	1.9	4,475	749,846	*
TOTAL	587	176.5	2,711,613	15,964,357	*

CATEGORY	OP FRQ	YR 1977	CROSS (GROSS)	1977	USDA SYS 1977	WILK AMOUNT 1977
SOIL AND LAND	36	10.2	154,273	1,381,640	*	14,382
WATER	24	1.1	47,757	451,110	*	14,962
ATMOSPHERIC FIVE BAS	5	1.0	41,836	153,247	*	4,267
IF AND CLIMATE	7	2.2	45,956	147,147	*	0
RECREATION RESOURCES	5	0.8	22,049	72,954	*	6,720
FOREST PRODUCTS	8	3.0	77,007	225,560	*	12,402
FISH AND FISH	26	1.0	1,016	184,775	*	0
FOOD AND FOODS	7	2.4	0	103,114	*	0
FOODS	2	0.0	0	3,139	*	0
FOODS	0	1.0	2,056	64,723	*	0
FOODS	15	3.4	36,066	232,024	*	4,275
FOOD	50	13.2	251,864	1,585,001	*	152,992
GRAIN SORGHUM	4	0.8	12,968	84,415	*	4,275
WHEAT	4	9.2	11,330	16,146	*	8,819
OTHER SMALL GRAINS	10	2.5	122,200	302,412	*	5,040
WHEAT	3	1.0	38,151	106,592	*	0
ORANGE CROPS	12	1.2	54,259	228,707	*	17,099
PEAS	42	9.5	231,635	1,140,018	*	30,149
PEAS NEW CROPS	3	0.4	40,959	64,701	*	12,824
CATTLE	24	3.5	147,523	532,793	*	7,583
PEP CATTLE	37	4.5	416,080	1,651,773	*	51,973
DAIRY CATTLE	19	5.5	179,525	976,304	*	60
WINE	37	9.4	516,793	1,760,654	*	37,207
WINE AND WOL	4	0.1	1,407	97,177	*	0
OTHER ANIMALS	12	2.0	52,410	277,999	*	4,870
ARM SUPP & FACILITS	5	0.6	29,514	107,755	*	7,015
LOTHING & TEXTILES	2	0.4	0	40,572	*	0
COO	11	1.7	51,375	163,457	*	0
HOUSING & EQUIP	11	1.6	36,333	131,571	*	31,641
PEOPLE AS INDIVIDUAL	26	3.4	28,885	341,367	*	7,105
FAMILY MEMBERS	16	0.7	44,297	160,342	*	557
ARM AS BUSINESS	10	0.6	24,964	166,304	*	19,213
OC POLIT ORGANIZ	22	3.9	126,219	642,621	*	105,546
EPIC ECONOMY U S	12	1.3	25,729	375,553	*	13,930
EPIC ECONOMY FOREIGN	3	0.3	1,821	14,509	*	3,160
ARM COOPERATIVES	2	0.1	12,606	14,667	*	0
THE MARKET PROCESS	2	0.2	9,666	23,649	*	0
MARKETING SYSTEMS	1	0.1	27,251	46,358	*	4
SO CELL SYSTEMS	5	1.4	13,911	203,621	*	0
EXP DESIGN/STAT WITH	4	3.6	5,206	295,494	*	232,169
INVERTERATORS	1	0.4	0	13,188	*	0
ICHOORGANISMS, VIRUS	2	1.2	0	12,121	*	0
PLANTS	4	0.6	10,611	37,144	*	224
ANIMALS (VETERINARIANS)	6	2.3	13,911	240,400	*	0
RESEARCH ON BASIC MGN	5	1.2	0	75,704	*	43,033
SCN EQUIP & TECHNOL	3	0.7	12,991	15,781	*	3
UNCLASSIFIED	1	4.4	0	621,120	*	0
	560	116.6	3,053,584	15,769,101	*	647,008

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTPD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977
0100 SOIL AND LAND	24	5.3	27,764	375,815
0200 WATER	42	10.1	46,948	695,852
0300 WATERSHEDS FIVER BAS	6	0.5	0	57,456
0400 AIR AND CLIMATE	4	2.3	20,503	130,139
0600 TIMBER FOREST PRODUCT	21	5.0	80,651	260,316
0700 RANGE	12	5.0	50,552	391,417
0800 WILDLIFE AND FISH	8	2.0	0	92,481
1000 FRUIT NUTS DECIDUOUS	8	3.5	3,041	188,270
1100 POTATOES	9	0.7	1,854	46,844
1200 VEGETABLES	16	2.1	26,056	122,556
1300 ORNAMENTALS TURF	12	2.4	1,395	121,984
1400 CORN	71	5.6	81,677	755,454
1500 GRAIN SORGHUM	67	13.3	102,952	1,011,526
1600 RICE	3	1.2	832	5,158
1700 WHEAT	110	20.5	246,231	1,707,284
1800 OTHER SMALL GRAINS	16	1.6	30,871	146,281
1900 PASTURE	5	0.8	3,447	73,979
2300 FORAGE CROPS	39	6.2	70,020	439,585
2300 SOYBEANS	44	6.4	45,933	435,500
2500 OTHER OILSEED CROPS	6	0.4	7,327	25,977
2700 SUGAR CROPS	5	0.8	0	43,397
2800 MISC NEW CROPS	2	0.1	1,468	9,262
2900 POULTRY	25	7.3	155,471	540,151
3000 BEEF CATTLE	79	16.8	310,479	2,705,463
3100 DAIRY CATTLE	56	6.8	119,316	872,175
3200 SWINE	25	4.1	57,507	366,891
3300 SHEEP AND WOOL	21	3.2	38,253	339,110
3400 OTHER ANIMALS	18	1.2	0	110,042
3500 EGGS AND HONEY	1	0.1	0	3,290
3600 FARM SUPP & FACILITIES	8	0.9	1,141	92,215
3700 CLOTHING & TEXTILES	2	0.7	0	16,484
3800 FOOD	11	1.8	27,399	109,991
3900 HOUSING & EQUIP	8	1.6	5,626	116,066
4000 PEOPLE AS INDIVIDUAL	25	3.1	15,368	233,965
4100 FAMILY MEMBERS	7	1.5	35,708	103,711
4200 FARM AS BUSINESS	2	0.7	0	32,748
4300 SOC POLIT ORGASTZ	25	4.1	90,843	330,207
4400 AGRIC ECONOMY U S	2	0.1	0	14,733
4600 FARM COOPERATIVES	2	0.3	19,883	22,082
4700 OTH MARKET PROCESS	1	0.6	0	3,988
4800 MARKETING SYSTEMS	3	1.0	0	42,234
6100 WEEDS	1	0.0	0	444
6300 BIO CELL SYSTEMS	19	5.6	25,667	375,482
6500 INVERTEBRATES	7	0.9	26,723	38,993
6600 MICROORGANISMS, VIRUS	7	1.4	1,434	72,418
6700 PLANTS	18	2.2	5,464	147,155
6800 ANIMALS (VERTEBRATES)	17	3.3	57,486	261,519
7000 RSCH EQUIP & TECHNOL	2	0.7	0	34,382
9900 UNCLASSIFIED	1	14.4	0	616,510
TOTAL	915	165.6	1,874,910	14,703,360

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - KENTUCKY

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTPD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977
0100 SOIL AND LAND	14	3.4	111,450	290,230
0200 WATER	10	1.9	70,562	191,459
0300 WATERSHEDS RIVER BAS	2	1.0	21,665	66,578
0400 AIR AND CLIMATE	1	0.3	18,023	31,237
0500 RECREATION RESOURCES	1	0.7	8,860	26,111
0600 TIMBER FOREST PRODUCT	14	4.9	118,263	418,879
0800 WILDLIFE AND FISH	1	0.8	10,747	41,696
1000 FRUIT NUTS DECIDUOUS	6	4.3	47,590	224,999
1100 POTATOES	2	0.4	25,448	59,621
1200 VEGETABLES	11	5.2	129,269	282,898
1300 ORNAMENTALS TURF	7	2.5	56,775	142,053
1400 CORN	10	2.8	113,964	233,476
1500 GRAIN SORGHUM	1	0.2	6,822	7,564
1700 WHEAT	3	0.5	27,064	42,162
1800 OTHER SMALL GRAINS	3	0.5	54,803	129,077
1900 PASTURE	2	0.0	0	5,941
2000 FORAGE CROPS	21	7.5	188,198	796,053
2300 SOYBEANS	16	6.3	258,197	406,751
2600 TOBACCO	15	5.8	168,992	455,120
2600 MISC NEW CROPS	1	0.5	9,916	0,016
2900 POULTRY	2	0.6	23,262	80,043
3000 BEEF CATTLE	21	7.7	240,300	994,346
3100 DAIRY CATTLE	13	4.1	163,569	435,472
3200 SWINE	6	3.3	100,401	308,246
3300 SHEEP AND WOOL	12	2.2	107,948	272,733
3400 OTHER ANIMALS	12	1.2	0	110,042

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FBD APP/CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/C SYS 1977
0100 SOIL AND LAND	23	6.2	149,620	338,546	*
0200 WATER	10	1.7	17,713	115,485	*
0500 RECREATION RESOURCES	3	0.3	8,544	17,118	*
0600 TIMBER FOREST PRODUCT	35	5.0	170,133	505,961	*
0700 FUR	1	0.2	0	7,259	*
0800 WILDLIFE AND FISH	26	10.1	16,515	702,409	*
0900 CITRUS SUB TROP FRUIT	7	1.4	1,670	93,631	*
1000 FRUIT NUTS DECIDUOUS	26	7.3	6,851	461,563	*
1100 POTATOES	4	1.0	23,741	67,704	*
1200 VEGETABLES	41	17.3	134,226	1,020,960	*
1300 ORNAMENTALS TURF	16	7.6	7,191	322,867	*
1400 CORN	16	4.5	22,451	151,460	*
1500 GRAIN SOYBEANS	12	1.5	6,261	86,695	*
1600 RICE	35	15.9	57,144	953,552	*
1700 WHEAT	12	0.7	783	55,774	*
1800 OTHER SMALL GRAINS	9	0.6	5,015	32,003	*
1900 PASTURE	27	5.6	39,620	500,630	*
2000 FORAGE CROPS	27	5.7	58,867	573,442	*
2100 COTTON	32	13.0	174,915	869,346	*
2300 SOYBEANS	14	10.3	115,903	1,033,465	*
2600 TOBACCO	1	0.1	0	509	*
2700 SUGAR CROPS	27	13.7	89,515	635,348	*
2800 MISC NEW CROPS	4	0.6	571	27,161	*
2900 POULTRY	13	6.5	123,355	737,726	*
3000 BEEF CATTLE	53	21.4	257,339	2,188,794	*
3100 DAIRY CATTLE	35	19.3	174,275	1,757,697	*
3200 SWINE	4	1.1	8,766	188,390	*
3300 SHEEP AND WOOL	2	0.4	0	38,441	*
3400 OTHER ANIMALS	11	3.3	56,733	279,897	*
4600 FARM SUPP & FACILITIES	5	2.1	4,983	107,097	*
4700 CLOTHING & TEXTILES	6	0.9	24,889	62,047	*
4800 FOOD	6	1.7	15,292	65,139	*
4900 HOUSING & EQUIP	6	1.7	8,188	147,467	*
4930 PEOPLE AS INDIVIDUAL	21	3.6	35,994	161,862	*
4100 FAMILY MEMBERS	6	1.2	16,413	40,034	*
4200 FARM AS BUSINESS	4	1.7	8,670	71,920	*
4300 SOC POLIT ORGANIZ	12	2.5	67,412	134,638	*
4400 AGRIC ECONOMY'S	1	0.2	4,669	14,855	*
4500 FARM COOPERATIVES	1	0.1	6,506	6,506	*
4700 OTM MARKET ACCESS	2	0.4	6,356	21,615	*
4800 MARKETING SYSTEMS	3	1.5	11,151	49,413	*
4900 EXP DESIGN/STAT METH	2	0.6	0	53,761	*
6500 INVERTEBRATES	6	2.0	3,858	77,697	*
6700 PLANTS	5	1.3	27,374	78,306	*
6800 ANIMALS (VERTEBRATES)	2	0.4	12,223	34,532	*
6900 RESEARCH ON RESCH NRM	2	2.3	0	140,372	*
7000 PSCH EQUIP & TECHNOL	1	1.1	0	43,323	*
TOTAL	657	205.6	1,991,254	15,137,260	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MARYLAND COLLEGE PARK

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FBD APP/CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/C SYS 1977
0100 SOIL AND LAND	16	4.1	87,186	231,950	*
0200 WATER	10	1.9	50,486	154,077	*
0300 WATERSHEDS RIVER BAS	2	0.1	2,543	9,773	*
0400 AIR AND CLIMATE	1	0.1	1,927	6,222	*
0500 RECREATION RESOURCES	4	0.2	4,193	20,746	*
0600 TIMBER FOREST PRODUCT	11	2.2	77,130	129,196	*
0800 WILDLIFE AND FISH	6	2.2	24,353	103,590	*
0900 CITRUS SUB TROP FRUIT	1	0.0	1,824	9,663	*
1000 FRUIT NUTS DECIDUOUS	14	3.5	84,955	257,927	*
1100 POTATOES	3	0.4	19,500	39,133	*
1200 VEGETABLES	25	6.2	131,970	422,498	*
1300 ORNAMENTALS TURF	15	2.1	43,491	203,057	*
1400 CORN	9	2.5	33,061	101,896	*
1700 WHEAT	2	0.0	17,339	49,537	*
1800 OTHER SMALL GRAINS	2	0.4	11,239	33,494	*
1900 PASTURE	1	0.0	0	3,976	*
2000 FORAGE CROPS	9	2.4	52,152	220,448	*
2100 COTTON	1	0.2	3,651	9,191	*
2300 SOYBEANS	10	3.3	45,604	234,100	*
2400 PEANUTS	1	0.1	416	4,174	*
2600 TOBACCO	10	3.1	29,036	250,876	*
2800 MISC NEW CROPS	1	0.2	2,394	4,388	*
2900 POULTRY	19	9.4	162,763	614,020	*
3000 BEEF CATTLE	12	3.1	28,745	263,264	*
3100 DAIRY CATTLE	19	7.1	151,414	782,030	*
3200 SWINE	5	0.7	16,295	81,638	*
3300 SHEEP AND WOOL	2	0.2	12,831	21,189	*
3400 OTHER ANIMALS	11	3.3	15,286	197,366	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY

MAINE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ACMTSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USE
3100 SOIL AND LAND	8	1.7	74,313	153,576	
3200 WATER	2	0.2	5,618	47,691	
3400 AIR AND CLIMATE	1	0.4	19,067	14,314	
0500 RECREATION RESOURCES	4	1.7	26,973	49,355	
0600 TIMBER FOREST PRODUCT	35	15.7	240,237	991,411	
0800 WILDLIFE AND FISH	13	5.0	70,485	421,644	
1000 FRUIT NUTS DECIDUOUS	11	6.2	133,140	422,219	
1100 POTATOES	19	9.4	226,010	611,041	
1200 VEGETABLES	2	0.2	694	21,257	
1300 CEREALS	2	0.4	8,562	13,794	
1700 MEAT	1	0.1	2,041	2,230	
1800 OTHER SMALL GRAIN	1	0.3	509	630	
2000 FORAGE CROPS	4	1.0	20,222	51,591	
2500 OTHER OILSEED CROPS	1	0.2	0	15,653	
2500 COUNTRY	9	3.1	65,244	196,181	
3100 DAIRY CATTLE	12	5.1	129,717	520,649	
3300 SHEEP AND WOOL	3	0.6	20,219	143,541	
3400 OTHER ANIMALS	1	0.1	2,795	9,192	
3800 FISH	1	0.3	11,319	34,766	
3900 HOUSING & EQUIP	2	1.6	15,420	33,760	
4000 PEOPLE AS INDIVIDUAL	6	1.7	29,553	55,148	
4200 FARM & BUSINESS	1	0.1	2,373	2,749	
4300 SOC POLIT ORGANIZ	6	2.0	54,064	87,263	
4400 MARKETING SYSTEMS	1	0.1	6,927	5,954	
6300 BIO CELL SYSTEMS	1	0.4	7,444	44,209	
6500 INVERTEBRATES	1	0.6	0	34,465	
6600 MICROORGANISMS, VIRUS	2	0.9	22,204	38,019	
6700 PLANTS	3	0.5	11,122	16,171	
6800 ANIMALS (VERTEBRATES)	1	0.5	0	9,693	
7000 RECH EQUIP & TECHNOL	3	3.5	7,905	33,425	
9900 UNCLASSIFIED	1	0.4	15,480	17,819	
TOTAL	155	63.1	1,256,967	4,112,623	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY

MASSACHUSETTS AND

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ACMTSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USE
0100 SOIL AND LAND	7	2.4	110,933	137,579	
0200 WATER	4	1.0	45,420	71,438	
0300 WATERSHEDS RIVER BAS	2	0.3	12,109	26,076	
0500 RECREATION RESOURCES	2	0.3	17,171	32,456	
0600 TIMBER FOREST PRODUCT	17	4.4	180,274	403,213	
0800 WILDLIFE AND FISH	2	1.0	32,835	45,209	
1000 FRUIT NUTS DECIDUOUS	13	6.5	127,848	405,083	
1100 POTATOES	2	0.4	44,126	61,475	
1200 VEGETABLES	15	3.3	119,503	327,940	
1300 ORNAMENTALS TURF	6	0.9	31,866	52,653	
1400 CORN	7	1.2	26,914	99,430	
2000 FORAGE CROPS	6	1.3	37,607	111,501	
2800 MISC NEW CROPS	2	3.1	7,227	15,104	
2900 COUNTRY	8	2.1	75,811	232,371	
3000 BEEF CATTLE	3	0.1	9,048	18,853	
3100 DAIRY CATTLE	6	3.6	53,436	132,663	
3300 SHEEP AND WOOL	1	0.0	1,750	4,361	
3400 OTHER ANIMALS	4	1.0	17,518	43,994	
3700 CLOTHING & TEXTILES	1	0.4	3,056	4,056	
3800 FISH	9	4.1	240,807	371,198	
3900 HOUSING & EQUIP	1	0.4	27,715	48,200	
4000 PEOPLE AS INDIVIDUAL	6	2.4	69,328	121,636	
4300 SOC POLIT ORGANIZ	2	0.3	15,866	30,936	
4400 AGRIC ECONOMY BUS	1	0.2	4,066	15,077	
6500 INVERTEBRATES	1	0.2	8,674	16,129	

CLASSIFICATION CATEGORY	NO OF PROD	SCIENTIST YEARS 1977	REG PED APP/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/CI/CA WITH SYS 1977	AM
0100 SOIL AND LAND	37	7.6	169,830	671,586	*	12
0200 WATER	15	2.9	35,251	173,111	*	10
0300 WATERSHEDS RIVER BAS	3	0.9	11,382	49,726	*	
0400 AIR AND CLIMATE	3	0.4	1,539	43,847	*	
0500 RECREATION RESOURCES	12	3.4	46,971	290,226	*	
0600 TIMBER FOREST PRODUCT	26	7.5	76,728	694,395	*	47
0800 WILDLIFE AND FISH	17	5.2	59,150	449,913	*	
1000 FRUIT NUTS DECIDUOUS	49	16.7	192,661	1,120,010	*	9
1100 POTATOES	9	1.9	24,146	149,748	*	
1200 VEGETABLES	37	11.5	191,065	927,006	*	2
1300 ORNAMENTALS TURF	14	5.5	41,963	147,551	*	
1400 CORN	19	4.4	67,261	395,932	*	5
1500 GRAIN SORGHUM	1	0.2	0	0	*	
1700 WHEAT	13	4.1	6,350	286,593	*	
1800 OTHER SMALL GRAINS	11	1.9	33,103	139,086	*	1
1901 PASTURE	2	0.1	0	17,577	*	
2000 FORAGE CROPS	15	3.5	23,762	187,176	*	10
2300 SOYBEANS	12	1.9	16,944	113,667	*	
2600 TOBACCO	1	0.1	0	8,004	*	
2700 SUGAR CROPS	4	0.3	10,817	61,535	*	1
2800 MISC NEW CROPS	2	0.2	1,621	17,107	*	
2900 POULTRY	24	5.7	133,443	498,544	*	
3000 BEEF CATTLE	21	2.1	67,748	853,522	*	25
3100 DAIRY CATTLE	36	15.8	170,585	981,003	*	22
3200 SWINE	19	5.5	104,166	645,958	*	40
3300 SHEEP AND WOOL	7	0.6	13,256	81,529	*	7
3400 OTHER ANIMALS	12	3.5	15,411	169,061	*	
3500 BEES AND HONEY	1	0.2	0	28,206	*	
3600 FARM SUPP & FACILITS	6	0.6	6,755	116,746	*	15
3700 CLOTHING & TEXTILES	1	0.2	5,064	10,815	*	
3800 FOOD	21	5.7	135,273	575,212	*	124
3900 HOUSING & EQUIP	10	2.1	7,093	156,256	*	7
4000 PEOPLE AS INDIVIDUAL	19	4.6	71,629	275,212	*	37
4100 FAMILY MEMBERS	13	3.8	35,454	198,749	*	
4200 FARM AS BUSINESS	5	1.3	14,701	65,037	*	
4300 SOC POLIT ORGANIZ	16	3.0	50,316	283,201	*	10
4400 AGRIC ECONOMY US	7	2.3	16,603	157,939	*	23
4500 AGRIC ECONOMY FOREIGN	4	0.9	10,023	627,030	*	452
4600 FARM COOPERATIVES	2	0.3	28,210	34,119	*	2
4700 OTH MARKET PROCESS	1	0.1	4,005	10,694	*	2
4800 MARKETING SYSTEMS	3	0.0	9,192	44,036	*	4
6300 BIO CELL SYSTEMS	5	2.1	24,406	208,077	*	
6400 EXP DESIGN/STAT METH	5	2.1	33,797	139,288	*	
6500 INVESTIGATES	6	2.2	15,919	203,799	*	
6600 MICROORGANISMS,VIRUS	10	3.0	29,593	239,894	*	
6700 PLANTS	24	10.9	106,116	1,211,969	*	129
6800 ANIMALS (VENTRICATES)	21	7.1	115,391	767,542	*	
6900 RESEARCH ON HSH MGN	1	0.2	4,053	9,387	*	
7000 HSH EQUIP & TECHNOL	10	1.6	29,104	236,342	*	24
9900 UNCLASSIFIED	2	0.0	569,063	779,173	*	
TOTAL	617	160.1	2,776,801	16,227,043	*	1,062

TABLE II-6 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MINNESOTA ST PAUL

CLASSIFICATION CATEGORY	NO OF PROD	SCIENTIST YEARS 1977	REG PED APP/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/CI/CA WITH SYS 1977	AM
0100 SOIL AND LAND	21	10.4	167,378	1,096,611	*	10
0200 WATER	6	1.6	19,616	127,146	*	
0300 WATERSHEDS RIVER BAS	1	0.4	11,314	41,212	*	
0400 AIR AND CLIMATE	4	1.7	35,675	173,239	*	
0500 RECREATION RESOURCES	5	2.0	40,836	105,417	*	4
0600 TIMBER FOREST PRODUCT	26	16.5	246,725	1,121,221	*	22
0800 WILDLIFE AND FISH	2	0.1	4,524	28,187	*	
1000 FRUIT NUTS DECIDUOUS	10	4.8	57,186	379,792	*	1
1100 POTATOES	2	1.3	10,150	525,982	*	
1200 VEGETABLES	11	6.5	59,292	467,516	*	13
1300 ORNAMENTALS TURF	16	4.6	46,945	345,381	*	
1400 CORN	11	6.4	49,532	829,109	*	6
1600 RICE	25	9.1	161,091	973,475	*	
1700 WHEAT	6	2.9	6,194	329,059	*	
1800 OTHER SMALL GRAINS	10	1.5	36,984	121,267	*	
1900 FORAGE CROPS	11	5.3	82,166	531,400	*	
2000 SOYBEANS	15	6.9	94,615	569,036	*	
2300 OTHER OILSEED CROPS	21	7.2	80,938	693,587	*	24
2600 TOBACCO	1	0.5	0	35,668	*	
2700 SUGAR CROPS	3	3.2	0,347	237,362	*	7
2800 MISC NEW CROPS	16	4.5	206,420	820,850	*	12
2900 POULTRY	10	4.1	73,123	1,077,473	*	61
3000 BEEF CATTLE	29	10.5	250,970	2,067,639	*	55
3100 DAIRY CATTLE	15	6.8	183,989	1,120,387	*	7
3200 SWINE	6	2.7	80,318	635,896	*	
3300 SHEEP AND WOOL	7	0.7	38,153	103,701	*	
3400 OTHER ANIMALS					*	

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPE/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/CT SYS 1977
0100 SOIL AND LAND	13	4.2	68,870	418,086	*
0200 WATER	7	1.7	28,030	22,202	*
0300 WATERWAYS RIVER BAS	1	0.0	0	117	*
0400 AIR AND CLIMATE	1	0.0	0	11,351	*
0500 RECREATION RESOURCES	40	22.3	231,322	1,679,173	*
0600 TIMBER FORST PRODUCT	1	0.1	3,469	5,442	*
0700 RANGE	22	5.5	99,367	451,939	*
0800 WILDLIFE AND FISH	11	6.4	66,718	441,703	*
0900 FRUIT NUTS ECTICUOUS	1	0.2	5,020	18,454	*
1000 POTATOES	20	10.7	177,636	603,551	*
1100 VEGETABLES	6	6.1	133,760	37,787	*
1200 ORNAMENTALS TURF	15	1.4	26,951	186,601	*
1300 CORN	6	0.9	9,714	53,741	*
1400 GRAIN SORGHUM	6	1.1	25,315	112,703	*
1500 WHEAT	4	1.1	23,111	41,046	*
1600 OTHER SMALL GRAINS	5	0.6	11,152	42,316	*
1700 PASTURE	3	1.6	3,069	63,296	*
2000 FORAGE CROPS	15	6.3	111,023	577,715	*
2100 COTTON	41	21.0	272,977	1,652,400	*
2200 SOYBEANS	42	9.9	157,452	958,642	*
2300 PEANUTS	2	0.1	1,712	12,192	*
2400 OTHER OILSEED CROPS	1	0.0	1,063	1,896	*
2500 TOBACCO	1	0.1	13,143	52,214	*
2600 SUGAR CROPS	1	0.0	0	17,797	*
2700 POULTRY	22	5.9	224,851	590,720	*
3000 BEEF CATTLE	19	10.4	277,700	1,332,810	*
3100 DAIRY CATTLE	19	10.3	170,540	1,030,433	*
3200 SWINE	9	3.9	102,944	513,365	*
3300 SHEEP AND WOOL	1	0.4	0	62,539	*
3400 OTHER ANIMALS	4	0.9	11,550	87,015	*
3500 FARM SUPP & FACILITIES	1	0.5	0	39,234	*
3600 HOUSING & EQUIP	1	0.1	1,077	17,355	*
4000 PEOPLE AS INDIVIDUAL	11	7.5	136,630	333,771	*
4100 FAMILY MEMBERS	1	0.1	74	4,551	*
4200 FARM AS BUSINESS	3	0.9	21,317	44,409	*
4300 SOC POLIT ORGANIZ	5	0.8	3,720	90,419	*
4400 FARM COOPERATIVES	1	0.5	10,549	15,168	*
4700 OTHER MARKET PROCESS	2	0.2	17,150	25,264	*
4800 MARKETING SYSTEMS	1	0.1	5,280	24,417	*
6200 SERD RESEARCH	2	0.6	36,152	67,148	*
6300 BIO CELL SYSTEMS	2	0.2	9,983	27,069	*
6500 INVERTEBRATES	4	0.2	0	47,535	*
6600 MICROORGANISMS, VIRUS	1	0.0	0	1,217	*
6700 PLANTS	5	1.5	26,512	718,396	*
6800 ANIMALS (VERTEBRATES)	3	0.5	13,624	30,624	*
9900 UNCLASSIFIED	2	0.0	38,262	39,802	*
TOTAL	386	167.9	2,608,247	13,095,779	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MISSOURI COLUMBIA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPE/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/CT SYS 1977
0100 SOIL AND LAND	16	4.3	35,136	418,024	*
0200 WATER	6	6.9	22,826	98,523	*
0300 WATERWAYS RIVER BAS	2	2.1	24,115	181,390	*
0400 AIR AND CLIMATE	5	2.3	77,904	382,076	*
0500 RECREATION RESOURCES	1	0.3	5,698	26,899	*
0600 TIMBER FORST PRODUCT	12	8.3	143,025	567,581	*
0700 WILDLIFE AND FISH	3	1.4	16,984	267,160	*
0800 CITRUS SUB TROP FRUIT	1	0.3	2,047	20,454	*
0900 FRUIT NUTS ECTICUOUS	10	4.1	69,324	372,885	*
1000 POTATOES	1	0.0	2,404	4,565	*
1100 VEGETABLES	7	2.1	81,010	185,396	*
1200 ORNAMENTALS TURF	4	1.4	30,012	150,617	*
1300 CORN	23	2.4	160,159	1,016,893	*
1400 GRAIN SORGHUM	7	1.4	41,685	167,770	*
1500 WHEAT	10	2.9	72,221	404,351	*
1600 OTHER SMALL GRAINS	5	0.7	11,238	71,819	*
1700 PASTURE	6	1.2	26,380	144,657	*
2000 FORAGE CROPS	21	5.7	93,984	465,169	*
2100 COTTON	6	2.5	47,631	294,436	*
2200 SOYBEANS	24	6.4	103,385	630,961	*
2300 OTHER OILSEED CROPS	1	0.3	5,928	25,239	*
2400 TOBACCO	1	0.1	551	5,293	*
2500 SUGAR CROPS	1	0.3	1,377	13,233	*
2600 MISC NEW CROPS	3	1.1	14,614	77,991	*
2700 POULTRY	13	5.3	172,735	530,079	*
3000 BEEF CATTLE	23	8.3	217,225	718,332	*
3100 DAIRY CATTLE	17	8.7	274,372	950,464	*
3200 SWINE	16	5.5	188,106	661,930	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED AGRIC/ USRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/CA SYS 1977	WITH SABS AMOUNT 1977
00 SOIL AND LAND	16	10.0	51,397	1,159,763	*	21,364
00 WATER	11	3.6	39,634	275,481	*	300
00 AIR AND CLIMATE	2	0.5	1,398	20,418	*	0
00 RECREATION RESOURCES	2	0.4	5,203	23,397	*	0
00 TIMBER FOREST PRODUCT	1	0.2	0	5,827	*	0
00 RANGE	14	1.1	45,007	269,601	*	0
00 WILDLIFE AND FISH	3	0.0	16,603	32,176	*	0
00 FRUIT NUTS DECIDUOUS	2	0.0	3	21,058	*	0
00 POTATOES	3	0.7	3,968	52,064	*	0
00 VEGETABLES	3	0.4	7,141	25,668	*	0
00 ORNAMENTALS TURF	5	1.1	25,108	72,494	*	0
00 CORN	5	0.4	3,968	40,869	*	0
00 GRAIN SORGHUM	1	0.1	9	7,547	*	0
00 WHEAT	32	8.7	143,551	641,383	*	33,575
00 OTHER SMALL GRAINS	33	6.7	121,674	472,548	*	8,394
00 PASTURE	4	0.3	611	32,051	*	0
00 FORAGE CROPS	26	7.6	40,222	588,229	*	29,364
00 OTHER OILSEED CROPS	3	1.0	22,099	99,215	*	0
00 SUGAR CROPS	7	1.0	1,968	118,555	*	0
00 PULTRY	2	1.7	10,445	69,559	*	0
00 BEEF CATTLE	31	0.5	334,714	2,051,085	*	119,324
00 DAIRY CATTLE	4	1.3	50,812	191,917	*	1,236
00 SWINE	6	1.5	35,421	130,804	*	1,236
00 SHEEP AND WOOL	8	2.5	61,570	222,396	*	1,236
00 OTHER ANIMALS	2	0.2	7,579	25,796	*	0
00 FARM SUPP & FACILITIES	2	0.4	8,641	9,967	*	0
00 HOUSING & EQUIP	2	0.2	0	11,120	*	0
00 PEOPLE AS INDIVIDUAL	8	1.4	29,839	81,607	*	0
00 FAMILY MEMBERS	1	0.2	0	12,088	*	0
00 FARM AS BUSINESS	3	0.2	5,470	17,161	*	0
00 SOC POLIT ORGANIZ	5	0.9	1,309	73,435	*	0
00 AGRIC ECONOMY U S	1	0.5	7,758	21,268	*	0
00 OTH MARKET PROCESS	1	0.2	5,470	5,615	*	0
00 WERE	3	0.1	913	2,403	*	0
00 BIO CELL SYSTEMS	1	0.1	1,365	4,937	*	0
00 INVESTIGATES	2	0.3	913	15,030	*	0
00 PLANTS	7	1.3	23,155	55,427	*	0
00 ANIMALS (VERTEBRATES)	1	0.3	0	4,496	*	0
00 AGRIC EQUIP & TECHNOL	2	0.0	1,705	62,078	*	0
TOTAL	265	65.3	1,140,625	7,446,236	*	216,628

TABLE 11-6 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - DEEPASKA LITCOLN

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED AGRIC/ USRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/CA SYS 1977	WITH SABS AMOUNT 1977
00 SOIL AND LAND	21	0.5	127,174	700,543	*	115,343
00 WATER	21	0.0	63,580	739,454	*	0
00 WATERSHEDS RIVER BAS	1	0.0	351	4,562	*	0
00 AIR AND CLIMATE	3	0.3	4,622	10,812	*	0
00 RECREATION RESOURCES	2	0.1	725	3,545	*	0
00 TIMBER FOREST PRODUCT	4	1.0	32,748	72,647	*	0
00 RANGE	8	2.0	19,242	156,640	*	1,719
00 WILDLIFE AND FISH	2	0.2	1,915	17,470	*	0
00 POTATOES	9	1.2	29,070	159,164	*	1,601
00 VEGETABLES	10	0.0	37,012	300,774	*	25,336
00 ORNAMENTALS TURF	6	2.9	19,847	174,486	*	0
00 CORN	50	12.3	179,682	1,157,156	*	8,253
00 GRAIN SORGHUM	31	8.7	122,563	715,418	*	9,206
00 WHEAT	25	7.2	109,696	434,227	*	3,864
00 OTHER SMALL GRAINS	5	1.0	9,287	108,618	*	0
00 PASTURE	9	1.0	9,720	109,546	*	1,719
00 FORAGE CROPS	11	4.9	120,884	542,247	*	40,056
00 SOYBEANS	23	5.6	76,025	510,749	*	34,205
00 SUGAR CROPS	8	0.7	6,260	56,401	*	0
00 MISC NEW CROPS	1	3.1	1,590	12,056	*	0
00 PULTRY	13	5.7	122,126	513,669	*	0
00 BEEF CATTLE	39	14.3	192,742	4,802,999	*	736,322
00 DAIRY CATTLE	15	4.2	76,851	313,271	*	0
00 SWINE	27	13.1	173,435	2,703,872	*	264,858
00 SHEEP AND WOOL	8	1.0	7,007	277,836	*	44,728
00 OTHER ANIMALS	1	0.3	0	42,330	*	0
00 FARM SUPP & FACILITIES	3	2.2	7,632	200,432	*	0
00 CLOTHING & TEXTILES	2	0.6	8,162	38,334	*	0
00 FOOD	7	2.0	56,061	231,519	*	0
00 HOUSING & EQUIP	2	0.3	1,884	8,857	*	0
00 PEOPLE AS INDIVIDUAL	12	5.7	65,908	321,609	*	0

TABLE II-A SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NEVADA

BENG

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/UT/CA \$15 1977
0100 SOIL AND LAND	12	1.5	42,621	67,343	*
0200 WATER	1	0.9	14,458	131,817	*
0300 WATERSHEDS RIVER BAS	6	1.0	12,541	137,144	*
0400 AIR AND CLIMATE	1	0.3	9,212	13,331	*
0500 RECREATION RESOURCES	1	1.1	30,359	64,511	*
0600 TIMBER FOREST PRODUCT	6	1.2	10,269	71,041	*
0700 FISH	17	1.2	12,391	126,136	*
0800 WILDLIFE AND FISH	5	1.1	17,875	121,566	*
0900 VEGETABLES	3	0.4	1,535	30,129	*
1000 ORNAMENTALS TURF	2	0.5	18,031	44,431	*
1100 WHEAT	2	0.4	1,554	29,534	*
1200 OTHER SMALL GRAINS	2	0.4	1,554	24,280	*
1300 PASTURE	1	0.3	0	627,721	*
1400 FORAGE CROPS	14	5.7	109,464	3,694	*
1500 SOYBEAN CROPS	1	0.0	180	930,938	*
1600 SHEEP CATTLE	19	4.4	291,746	276,173	*
1700 DAIRY CATTLE	7	2.0	51,236	50,122	*
1800 SHEEP AND WOOL	5	0.5	15,345	19,775	*
1900 OTHER ANIMALS	5	0.4	22,327	19,093	*
2000 EGGS AND HONEY	1	0.2	13,502	3,384	*
2100 CLOTHING & FERTILIS	1	0.2	1,789	93,341	*
2200 FLOG	4	1.0	17,017	9,393	*
2300 PEOPLE AS INDIVIDUAL	2	0.3	5,419	29,349	*
2400 FAMILY MEMBERS	3	0.8	21,174	66,115	*
2500 SOC POLIT ORGANIZ	1	1.1	49,324	12,610	*
2600 MICROORGANISMS, VIRUS	1	0.6	13,694	34,295	*
2700 PLANTS	3	1.7	21,826	35,615	*
2800 ANIMALS (VEGETABLES)	2	0.3	7,011	15,715	*
2900 EQUIP & TECHNOL	4	0.6	1,100	20,467	*
9900 UNCLASSIFIED	1	0.6	3	0	*
TOTAL	142	34.7	721,677	2,905,332	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NEW HAMPSHIRE

DUSMAN

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/UT/CA \$15 1977
0100 SOIL AND LAND	7	2.8	35,936	91,647	*
0200 WATER	3	1.0	41,273	41,654	*
0300 WATERSHEDS RIVER BAS	3	0.5	13,208	15,710	*
0400 AIR AND CLIMATE	1	0.2	0	16,756	*
0500 RECREATION RESOURCES	2	0.4	6,307	6,845	*
0600 TIMBER FOREST PRODUCT	17	4.9	221,062	331,696	*
0800 WILDLIFE AND FISH	5	0.7	23,040	46,904	*
0900 FROIT NUTS DECIDUOUS	4	0.7	35,277	42,329	*
1100 POTATOES	1	0.0	1,751	1,751	*
1200 VEGETABLES	7	2.0	79,907	127,690	*
1300 ORNAMENTALS TURF	2	0.4	22,191	32,342	*
1400 CORN	2	1.0	47,895	74,243	*
1500 FORAGE CROPS	4	1.2	32,976	106,972	*
1600 SOYBEANS	1	0.3	4,115	7,471	*
1700 POULTRY	4	3.3	103,350	307,838	*
1800 SHEEP CATTLE	1	0.3	1,751	1,751	*
1900 DAIRY CATTLE	6	2.7	111,155	251,985	*
2000 SWINE	1	0.0	1,751	1,751	*
2100 OTHER ANIMALS	3	1.7	49,752	95,289	*
2200 PCCO	1	0.0	1,340	2,255	*
2300 HOUSING & EQUIP	4	0.5	13,911	15,945	*
2400 PEOPLE AS INDIVIDUAL	1	0.1	1,273	2,810	*
2500 SOC POLIT ORGANIZ	1	0.8	20,726	2,810	*

CLASSIFICATION CATEGORY		NO OF PROJ	SCIENTIST YEARS 1977	REG FPD APPR/CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA SYS 1977	WITH S AMO
0100	SOIL AND LAND	29	10.2	90,573	741,474	*	
0200	WATER	15	5.6	30,594	475,231	*	
0300	WATERSHEDS RIVER BAS	1	0.2	0	22,544	*	
0400	AIR AND CLIMATE	6	1.1	21,906	156,911	*	14,
0500	RECREATION RESOURCES	3	1.0	44,447	39,241	*	1,
0600	TIMBER FOREST PRODUCT	10	3.5	71,568	263,013	*	
0700	RANGE	1	0.1	638	5,607	*	
0800	WILDLIFE AND FISH	8	1.6	6,571	23,164	*	
0900	CITRUS SUB TROP FRUIT	1	0.1	4,255	30,142	*	
1000	FRUIT NUTS DECIDUOUS	17	10.6	194,342	816,304	*	39,
1100	POTATOES	6	2.0	61,617	121,725	*	
1200	VEGETABLES	30	10.4	125,933	716,696	*	25,
1300	ORNAMENTALS TURF	14	6.1	123,216	552,375	*	
1400	CORN	6	0.3	118	24,131	*	4,
1500	WHEAT	2	0.6	19,146	29,712	*	
1600	OTHER SMALL GRAINS	3	0.1	1,565	18,943	*	2,
1700	PASTURE	1	0.0	1,179	6,375	*	
2000	FORAGE CROPS	9	2.5	64,290	271,683	*	2,
2200	COTTONSEED	1	0.1	0	4,254	*	
2300	SOYBEANS	7	0.4	0	52,944	*	
2400	PEANUTS	2	0.2	370	62,127	*	
2500	OTHER OILSEED CROPS	1	0.1	0	33,172	*	
2800	MISC NEW CROPS	1	0.3	11,506	21,567	*	
2900	POULTRY	13	4.5	64,159	420,011	*	
3000	BEEF CATTLE	2	0.5	0	64,100	*	
3100	DAIRY CATTLE	10	1.1	21,643	244,647	*	
3200	SWINE	4	0.7	5,677	94,647	*	
3400	OTHER ANIMALS	11	1.7	14,227	266,812	*	
3600	FARM SUPP & FACILITIES	1	0.4	5,235	11,579	*	
3800	FOOD	18	6.6	110,761	657,831	*	
3900	HOUSING & EQUIP	8	1.7	16,764	120,428	*	11,
4000	PEOPLE AS INDIVIDUAL	12	5.5	31,353	462,439	*	11,
4200	FARM AS BUSINESS	2	0.1	2,407	20,121	*	
4300	SOC IOGT ORGANIZ	9	3.5	74,343	262,233	*	
4400	AGRIC ECONOMY U S	1	0.7	8,936	26,161	*	
6100	WEEDS	2	0.2	14,551	48,140	*	
6300	HIO CELL SYSTEMS	3	0.3	4,592	42,606	*	
6500	INVERTEBRATES	6	1.1	57,414	184,260	*	
6600	MICROORGANISMS,VIRUS	10	2.2	26,946	219,722	*	
6700	PLANTS	14	12.6	215,317	724,677	*	102,
6800	ANIMALS (VERTEBRATES)	1	0.5	9,420	65,374	*	
7000	RESC EQUIP & TECHNOL	3	1.4	0	117,723	*	
9900	UNCLASSIFIED	1	2.3	0	273,749	*	
TOTAL		324	108.9	1,549,371	8,958,403	*	215,

CLASSIFICATION CATEGORY		NO OF PROJ	SCIENTIST YEARS 1977	REG FPD APPR/CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA SYS 1977	WITH S AMO
0100	SOIL AND LAND	8	3.9	64,881	140,113	*	
0200	WATER	6	1.3	30,011	172,575	*	
0400	AIR AND CLIMATE	3	0.5	11,216	15,257	*	
0500	RECREATION RESOURCES	2	0.4	26,424	26,424	*	
0600	TIMBER FOREST PRODUCT	6	3.7	79,018	146,643	*	
0700	RANGE	15	6.6	16,987	256,672	*	
0800	WILDLIFE AND FISH	5	0.7	5,722	43,615	*	
0900	FRUIT NUTS DECIDUOUS	8	3.4	1,340	166,987	*	
1100	POTATOES	2	0.2	0	7,102	*	
1200	VEGETABLES	21	7.6	71,725	352,536	*	
1300	ORNAMENTALS TURF	4	0.2	3,849	21,325	*	
1400	CORN	9	0.9	1,033	70,435	*	
1500	GRAIN SORGHUM	13	2.0	3,446	92,877	*	
1700	WHEAT	10	0.5	3,446	45,040	*	
1800	OTHER SMALL GRAINS	8	1.0	0	54,507	*	
1900	PASTURE	2	0.1	0	7,579	*	
2000	FORAGE CROPS	24	13.6	69,619	444,387	*	24,0
2100	COTTON	17	5.4	130,203	491,207	*	41,5
2200	SOYBEANS	2	0.1	0	3,677	*	
2400	PEANUTS	2	0.5	0	20,469	*	
2500	OTHER OILSEED CROPS	2	0.1	0	6,713	*	
2700	SUGAR CROPS	3	0.1	0	0,845	*	
2800	MISC NEW CROPS	3	1.3	0	25,331	*	
2900	POULTRY	4	0.1	9,002	61,391	*	
3000	BEEF CATTLE	17	10.0	140,553	540,586	*	
3100	DAIRY CATTLE	5	0.2	36,777	63,276	*	
3300	SHEEP AND WOOL	7	1.1	18,326	64,930	*	
3400	OTHER ANIMALS	3	0.3	11,480	25,820	*	
3600	FARM SUPP & FACILITIES	1	0.1	2,073	2,700	*	
3800	FOOD	1	0.8	0	12,001	*	

3400 AIR AND CLIMATE	4	1.2	17,569	85,015	*
3500 RECREATION RESOURCES	5	1.2	17,569	104,015	*
0600 TIMBER FOREST PRODUCT	16	3.2	64,652	270,900	*
0600 WILDLIFE AND FISH	29	7.1	17,502	1,110,890	*
1000 FRUIT AND VEGETABLES	21	7.4	125,278	522,517	*
1100 POTATOES	27	6.0	126,713	715,136	*
1200 VEGETABLES	47	11.2	222,396	1,047,312	*
1300 ORNAMENTALS TURF	19	5.1	61,527	543,714	*
1400 CORN	22	6.2	113,128	564,655	*
1600 RICE	1	0.0	871	3,325	*
1700 WHEAT	8	0.6	20,610	111,273	*
1800 OTHER SMALL GRAINS	7	0.7	16,943	133,149	*
1900 PASTURE	1	0.0	2,466	5,935	*
2300 FORAGE CROPS	25	6.2	81,161	672,404	*
2300 SOYBEANS	1	1.1	12,565	87,548	*
2500 OTHER OILSEED CROPS	1	0.1	2,182	4,767	*
2700 SUGAR CROPS	1	0.3	2,113	5,626	*
2900 Poultry	40	12.7	122,219	1,358,553	*
3000 DEER CATTLE	27	5.0	29,194	379,510	*
3100 DAIRY CATTLE	92	26.0	237,395	2,502,944	*
3200 SWINE	17	4.2	11,604	113,024	*
3300 SHEEP AND WOOL	20	4.0	8,207	226,886	*
3400 OTHER ANIMALS	50	15.8	32,113	1,624,009	*
3500 BEES AND HONEY	2	1.1	3,599	54,164	*
3600 FARM SUPPLIES & FACILITIES	3	0.4	0	38,333	*
3700 CLOTHING & TEXTILES	2	0.5	11,044	38,409	*
3800 FOOD	14	7.4	112,663	760,770	*
3900 HOUSING & EQUIP	11	6.3	32,308	385,642	*
4000 PEOPLE AS INDIVIDUAL	52	18.1	161,637	1,577,393	*
4100 FAMILY MEMBERS	6	2.1	56,362	469,691	*
4200 FARM AS BUSINESS	6	2.8	35,810	174,094	*
4300 SOC POLIT ORGANIZ	17	10.0	175,981	816,567	*
4400 AGRIC ECONOMY & S	1	0.3	4,814	19,844	*
4500 AGRIC ECONOMY FORGM	4	0.6	11,943	63,066	*
4700 OTH MARKET PROCPSS	5	1.5	0	91,507	*
4800 MARKETING SYSTEMS	1	0.6	28,720	53,169	*
4900 WEEDS	1	0.2	5,613	20,958	*
4900 BIO CELL SYSTEMS	15	5.7	69,105	563,157	*
6000 EXP DESIGN/STAT METH	5	2.4	26,694	145,653	*
6500 INVERTEBRATES	14	0.6	46,225	624,989	*
6600 MICROORGANISMS, VIRUS	25	8.2	66,222	745,459	*
6700 PLANTS	24	9.6	105,166	550,458	*
6800 ANIMALS (VERTEBRATES)	17	13.1	36,725	527,016	*
7000 RSCH EQUIP & TECHNOL	2	0.1	4,511	56,785	*
TOTAL	795	244.5	2,507,711	21,236,211	*

TABLE 11-6 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NEW YORK GENEVA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED AIDP/ CNS ADMSTRD {GROSS} 1977	TOTAL FUNDS {GROSS} 1977	USDA COM/GR SYS 1977
0100 SOIL AND LAND	1	0.2	9,256	18,106	*
0200 WATER	1	0.1	696	3,244	*
0300 AIR AND CLIMATE	1	0.4	6,579	31,179	*
0600 TIMBER FOREST PRODUCT	1	0.1	0	5,248	*
0800 WILDLIFE AND FISH	1	0.5	0	46,208	*
1000 FRUIT AND VEGETABLES	94	37.9	243,632	2,285,492	*
1100 POTATOES	2	0.4	0	14,791	*
1200 VEGETABLES	65	21.7	178,342	1,251,145	*
1300 ORNAMENTALS TURF	5	1.1	17,483	83,478	*
1700 WHEAT	1	0.0	0	1,195	*
1800 OTHER SMALL GRAINS	2	0.1	950	6,466	*
2300 FORAGE CROPS	4	0.3	21,495	37,121	*
2300 SOYBEANS	2	0.1	950	6,466	*
2800 MISC NEW CROPS	2	0.5	0	28,352	*
3500 FOOD	4	1.7	3,556	62,016	*
6200 SEED RESEARCH	9	3.0	8,843	174,460	*
6300 BIO CELL SYSTEMS	1	0.2	0	20,440	*
6500 INVERTEBRATES	1	0.6	0	81,567	*
6700 PLANTS	1	0.2	0	7,006	*
6800 ANIMALS (VERTEBRATES)	1	0.1	0	3,033	*
9900 UNCLASSIFIED	1	0.0	0	59,390	*
TOTAL	200	69.2	491,021	4,227,373	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAE AMOUNT 1977
0100 SOIL AND LAND	31	7.2	116,826	541,000	*	6,57
0200 WATER	16	3.6	65,965	946,113	*	14,22
0300 WATERSHEDS RIVER BAS	3	0.9	22,194	32,251	*	
0400 AIR AND CLIMATE	2	3.2	3,222	8,592	*	75
0500 RECREATION RESOURCES	5	0.6	10,293	41,061	*	
0600 TIMBER FOREST PRODUCT	45	16.2	359,866	1,354,157	*	25,47
0800 WILDLIFE AND FISH	22	3.6	38,077	322,671	*	
1000 FRUIT NUTS DECIDUOUS	53	15.5	276,660	1,770,515	*	11,03
1100 POTATOES	9	1.5	13,460	176,792	*	5,43
1200 VEGETABLES	56	17.0	163,573	1,949,884	*	34,30
1300 ORNAMENTALS TURF	21	5.7	113,939	652,267	*	2,52
1400 CORN	41	6.7	65,556	787,147	*	3,10
1500 GRAIN SORGHUM	3	0.2	615	23,727	*	
1700 WHEAT	7	1.1	20,110	95,517	*	1,15
1800 OTHER SMALL GRAINS	4	0.9	16,981	59,184	*	52
1900 PASTURE	3	0.0	2,619	41,261	*	
2000 FORAGE CROPS	23	2.5	41,170	496,729	*	2,33
2100 COTTON	26	3.9	54,758	417,356	*	33,14
2300 SOYBEANS	55	10.4	198,180	938,762	*	115,57
2400 PEANUTS	28	7.1	131,399	615,406	*	34,81
2500 OTHER OILSEED CROPS	9	0.1	1,167	4,149	*	
2600 TOBACCO	61	23.4	261,336	3,047,419	*	51,33
2800 MISC NEW CROPS	1	0.2	4,855	21,542	*	
2900 POULTRY	47	13.5	405,777	1,749,304	*	1,94
3000 DEER CATTLE	17	5.5	218,544	951,492	*	2,33
3100 DAIRY CATTLE	41	11.1	383,750	1,342,060	*	4,13
3200 SWINE	29	6.7	209,489	1,170,474	*	
3300 SHEEP AND WOOL	9	0.7	10,114	134,755	*	
3400 OTHER ANIMALS	13	0.9	23,731	91,095	*	
3500 BEES AND HONEY	2	0.3	0	25,265	*	
3700 CLOTHING & TEXTILES	0	2.0	0	11,619	*	
3800 FOOD	8	2.3	74,635	162,149	*	
3900 HOUSING & EQUIP	3	3.2	11,067	27,574	*	
4000 PEOPLE AS INDIVIDUAL	19	2.9	70,505	279,769	*	3,19
4100 FAMILY MEMBERS	7	2.4	45,973	114,522	*	1
4200 FARM AS BUSINESS	3	0.5	8,641	33,841	*	
4300 SOC POLIT ORGANIZ	17	2.4	128,562	221,094	*	1,30
4400 AGRIC ECONOMY U S	1	0.1	4,556	12,617	*	2
4700 OTH MARKET PROCESS	2	0.0	0	6,145	*	
4800 MARKETING SYSTEMS	1	0.2	3,776	10,550	*	
4900 WEEDS	5	0.7	40,472	111,217	*	57
6300 SOC CELL SYSTEMS	12	2.2	42,823	275,935	*	
6400 EXP DESIGN/STAT METH	2	0.2	2,483	43,552	*	2,12
6500 INVERTEBRATES	19	4.9	32,647	380,259	*	1,75
6600 MICROORGANISMS, VIRUS	12	2.1	49,417	171,090	*	
6700 PLANTS	31	7.2	129,144	1,425,502	*	58,56
6800 ANIMALS (VERTEBRATES)	19	6.0	54,388	760,981	*	
6900 RESEARCH ON RECH AGH	1	0.2	5,797	11,544	*	
7300 RSCH EQUIP & TECHNOL	2	5.1	740	7,514	*	
TOTAL	958	203.5	3,971,619	24,745,612	*	422,42

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NORTH DAKOTA FAFGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SAE AMOUNT 1977
0100 SOIL AND LAND	42	13.6	96,596	914,765	*	36,30
0200 WATER	30	5.9	74,162	437,517	*	5,52
0300 WATERSHEDS RIVER BAS	3	0.5	0	62,133	*	
0400 AIR AND CLIMATE	4	0.3	16,461	92,629	*	22,07
0500 RECREATION RESOURCES	1	0.0	0	167	*	
0600 TIMBER FOREST PRODUCT	3	0.7	31,544	72,294	*	3,52
0700 RANGE	12	3.5	21,915	275,887	*	17,30
1000 FRUIT NUTS DECIDUOUS	2	3.7	0,265	41,500	*	
1100 POTATOES	1	1.1	82,114	210,646	*	
1200 VEGETABLES	11	1.5	10,526	91,448	*	5,7
1300 ORNAMENTALS TURF	3	3.6	18,869	29,454	*	
1400 CORN	14	1.7	14,134	98,793	*	
1700 WHEAT	61	21.2	253,353	1,436,554	*	120,90
1800 OTHER SMALL GRAINS	65	9.1	76,775	556,127	*	
1900 PASTURE	3	0.3	1,147	17,517	*	
2000 FORAGE CROPS	21	3.4	2,370	230,480	*	
2300 SOYBEANS	7	0.0	5,002	48,742	*	
2500 OTHER OILSEED CROPS	27	3.6	49,201	274,695	*	17,50
2700 SUGAR CROPS	7	2.6	26,646	214,368	*	
2800 MISC NEW CROPS	8	0.4	2,372	30,096	*	
2900 POULTRY	7	0.0	15,147	71,195	*	
3000 DEER CATTLE	19	2.0	75,127	614,812	*	4,1

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	FED PER APPR/ GROSS AMLCTD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977
0100 SOIL AND LAND	36	9.8	230,264	921,169
0200 WATER	16	2.7	74,643	414,611
0300 WATERSHEDS RIVER BAS	3	0.5	0	110,456
0400 AIR AND CLIMATE	2	0.1	0	24,231
0500 RECREATION RESEARCH	4	0.3	23,663	40,990
0600 TIMBER FOREST PRODUCT	24	7.9	195,384	625,714
0700 WILDLIFE AND FISH	5	1.1	0	160,035
0800 FRUIT NUTS DECIDUOUS	23	6.3	144,154	673,700
0900 VEGETABLES	8	1.6	35,542	162,544
1000 VEGETABLES	31	8.1	245,878	880,655
1100 ORNAMENTALS TURF	21	6.1	183,645	817,337
1200 CORN	14	7.4	229,662	961,255
1300 WHEAT	13	4.7	66,251	295,879
1400 OTHER SMALL GRAINS	3	0.3	9,267	34,793
1500 PASTURE	3	0.4	25,677	164,721
2000 FORAGE CROPS	10	2.4	78,417	345,772
2300 SOYBEANS	41	9.7	272,153	1,039,810
2500 OTHER OILSEED CROPS	1	0.0	0	411
2600 CROPS	1	0.4	0	56,142
2700 SUGAR CROPS	5	1.1	16,534	139,534
2800 MISC NEW CROPS	1	0.0	0	65
2900 POULTRY	16	6.1	183,145	899,432
3000 DEEP CATTLE	16	4.7	165,581	421,436
3100 DAIRY CATTLE	32	10.0	266,196	1,260,528
3200 SWINE	22	6.5	261,683	1,251,805
3300 SHEEP AND WOOL	9	3.0	75,357	411,851
3400 OTHER ANIMALS	3	0.4	5,176	34,134
3500 HONEY AND HONEY	1	0.2	4,737	16,219
3600 FARM SUPP & FACILITIES	3	0.6	6,328	51,032
3700 CLOTHING & TEXTILES	1	0.3	7,587	27,417
3800 FOOD	10	1.6	54,198	131,333
3900 HOUSING & EQUIP	4	0.1	23,719	129,515
4000 PEOPLE AS INDIVIDUAL	13	2.2	62,608	168,468
4100 FAMILY MEMBERS	8	1.7	45,379	131,181
4200 FARM AS BUSINESS	3	0.4	12,175	31,193
4300 SOC POLIT ORGANIZ	9	2.2	65,425	234,199
4400 AGRIC ECONOMY U S	2	0.1	4,642	7,981
4500 FARM COOPERATIVES	1	0.3	10,175	21,339
4700 OTH MARKET PROGRESS	1	0.0	1,748	4,216
4800 MARKETING SYSTEMS	5	0.5	19,425	41,394
6100 WEEDS	1	0.0	1,966	6,185
6500 INVERTEBRATES	5	1.2	15,556	39,975
6700 PLANTS	7	1.8	46,547	160,723
6800 ANIMALS (VERTEBRATES)	1	0.5	17,624	44,030
7000 RSCH EQUIP & TECHNOL	1	0.1	0	15,426
9900 UNCLASSIFIED	1	0.0	0	1,552,425
TOTAL	472	117.8	3,267,678	15,563,187

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - OKLAHOMA STILL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	FED PER APPR/ GROSS AMLCTD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA
0100 SOIL AND LAND	7	1.6	35,120	205,450	
0200 WATER	9	3.2	24,706	324,137	
0300 WATERSHEDS RIVER BAS	1	0.6	0	67,591	
0400 AIR AND CLIMATE	1	0.1	0	5,339	
0500 RECREATION RESEARCH	1	0.1	0	18,434	
0600 TIMBER FOREST PRODUCT	16	6.9	127,133	277,934	
0700 RANGE	7	1.4	3,228	123,843	
0800 WILDLIFE AND FISH	3	0.4	6,394	93,702	
0900 FRUIT NUTS DECIDUOUS	7	2.5	41,567	115,533	
1000 VEGETABLES	3	0.9	0	72,036	
1100 ORNAMENTALS TURF	6	2.8	11,642	127,232	
1200 CORN	3	0.4	0	117,755	
1300 GRAIN SORGHUM	10	2.1	57,906	346,010	
1400 RICE	1	0.0	0	619	
1500 WHEAT	35	7.0	117,245	659,052	
1600 OTHER SMALL GRAINS	13	2.1	25,859	145,210	
1700 PASTURE	7	1.8	6,463	126,261	
2000 FORAGE CROPS	19	5.2	113,361	532,054	
2100 COTTON	15	4.6	68,043	412,937	
2300 SOYBEANS	7	0.4	7,475	65,781	
2400 PEANUTS	12	2.3	16,629	289,483	
2500 OTHER OILSEED CROPS	2	0.0	0	2,567	
2600 MISC NEW CROPS	4	0.6	0	19,001	
2900 POULTRY	3	0.8	55,573	115,150	
3000 DEEP CATTLE	41	15.4	396,776	1,488,122	
3100 DAIRY CATTLE	15	5.1	92,061	358,138	
3200 SWINE	10	2.7	114,725	570,055	
3300 SHEEP AND WOOL	6	1.5	30,507	140,702	
3400 OTHER ANIMALS	2	0.6	5,730	17,186	
3600 FARM SUPP & FACILITIES	6	2.1	47,213	98,096	
3800 FOOD	3	0.2	6,050	74,221	
3900 HOUSING & EQUIP	4	1.3	1,382	30,096	

CATEGORY	OF 1960	1975 1977	FED APPR/ CERS ADMSTRD (GROSS) 1977	TOTAL PRDPS (GROSS) 1977	USDA CON/ACT SFS 1977
0100 SOIL AND LAND	28	6.1	21,636	608,164	*
0200 WATER	12	2.4	10,172	150,573	*
0400 AIR AND CLIMATE	2	1.5	0	158,551	*
0500 RECREATION RESOURCES	1	0.4	25,144	73,474	*
0600 TIMBER FOREST PRODUCT	12	1.5	29,605	265,437	*
0700 RANGE	11	1.5	19,605	219,263	*
0800 WILDLIFE AND FISH	43	6.5	25,122	793,770	*
1000 FRUIT NUTS DECIDUOUS	41	16.1	178,566	1,208,793	*
1100 POTATOES	11	2.1	11,210	156,305	*
1200 VEGETABLES	26	8.0	91,613	506,972	*
1300 ORNAMENTALS TURF	15	4.9	11,075	102,179	*
1400 CORN	6	0.6	767	52,335	*
1700 WHEAT	21	5.4	36,633	519,556	*
1800 OTHER SMALL GRAINS	11	6.0	4,098	232,728	*
1900 PASTURE	6	1.6	3,067	91,651	*
2100 FORAGE CROPS	31	6.1	46,193	514,662	*
2300 SOYBEANS	4	0.7	11,656	48,117	*
2600 MILK NEW CROPS	6	0.4	10,352	121,355	*
2700 POULTRY	11	4.7	158,955	475,711	*
3100 BEEF CATTLE	29	6.4	154,167	1,047,156	*
3100 DAIRY CATTLE	19	1.8	77,621	611,121	*
3200 SWINE	9	1.6	20,662	298,911	*
3300 SHEEP AND WOOL	16	3.2	51,985	366,504	*
3400 OTHER ANIMALS	5	1.2	20,435	109,169	*
3500 BEES AND HONEY	2	1.4	19,777	65,915	*
3600 FARM SUPP & FACILITIES	1	0.1	2,279	8,990	*
3700 CLOTHING & TEXTILES	1	0.1	4,897	5,091	*
3900 FOOD	15	7.5	155,240	605,966	*
3900 HOUSING & EQUIP	2	0.1	952	7,118	*
4000 PEOPLE AS INDIVIDUAL	11	3.1	71,676	224,394	*
4100 FAMILY MEMBERS	4	0.5	19,022	54,769	*
4200 FARM AS BUSINESS	2	0.5	0	21,612	*
4300 SOC POLIT ORGANIZ	3	1.6	33,219	222,876	*
4400 AGRIC ECONOMY U.S.	2	0.2	1,655	38,394	*
4600 FARM COOPERATIVES	2	0.2	8,615	22,406	*
4700 WILDS	4	1.7	21,825	163,240	*
4700 SEED RESEARCH	2	0.5	18,104	47,112	*
4800 HIJ CELL SYSTEMS	4	1.1	5,474	221,241	*
4900 EXP REATION/STAT METH	4	1.4	1,815	185,095	*
4900 INVERTEBRATES	4	2.5	45,215	112,474	*
6100 MICROORGANISMS, VIUS	6	2.0	40,772	202,676	*
6700 PLANTS	18	9.9	38,694	691,976	*
6800 ANIMALS (VERTEBRATES)	11	6.2	19,422	661,041	*
6900 RESEARCH ON ECOSYSTEM	1	0.1	955	2,052	*
7000 FISH EQUIP & TECHNOL	1	0.2	0	14,270	*
TOTAL	474	114.4	1,547,403	13,320,212	*

TABLE II-P SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORMS-LABORIA COLLEGE PARK

CLASSIFICATION CATEGORY	NO OF 1960	SCIENTIST YEARS 1977	FED APPR/ CERS ADMSTRD (GROSS) 1977	TOTAL PRDPS (GROSS) 1977	USDA CON/ACT SFS 1977
0100 SOIL AND LAND	28	6.5	102,731	608,223	*
0200 WATER	7	1.5	15,139	31,859	*
0400 WATERSHEDS RIVER BAS	2	3.6	24,030	13,974	*
0500 RECREATION RESOURCES	1	0.4	26,749	49,221	*
0600 TIMBER FOREST PRODUCT	12	6.2	206,451	476,718	*
0700 WILDLIFE AND FISH	13	1.5	60,395	262,000	*
1000 FRUIT NUTS DECIDUOUS	28	12.5	134,153	931,068	*
1100 POTATOES	11	2.1	40,312	234,476	*
1200 VEGETABLES	26	8.0	157,794	578,236	*
1300 ORNAMENTALS TURF	15	4.9	76,930	359,437	*
1400 CORN	29	6.1	114,734	451,102	*
1700 WHEAT	6	0.4	7,378	19,808	*
1800 OTHER SMALL GRAINS	11	0.9	6,090	40,513	*
2000 FORAGE CROPS	29	7.2	119,279	541,111	*
2600 TOBACCO	4	0.4	3,740	20,336	*
2900 POULTRY	20	9.4	260,905	858,841	*
3000 BEEF CATTLE	14	8.1	91,179	471,959	*
3100 DAIRY CATTLE	20	19.8	157,923	1,098,702	*
3200 SWINE	8	2.7	49,472	173,563	*
3300 SHEEP AND WOOL	16	1.2	24,062	96,873	*
3400 OTHER ANIMALS	5	1.9	45,345	159,399	*
3500 BEES AND HONEY	2	0.5	4,116	50,885	*
3600 FARM SUPP & FACILITIES	1	0.4	4,265	18,504	*
3700 CLOTHING & TEXTILES	1	0.1	3,601	3,641	*
3900 FOOD	7	2.5	182,618	359,700	*
3900 HOUSING & EQUIP	2	1.1	32,920	141,131	*
4000 PEOPLE AS INDIVIDUAL	16	5.1	162,634	284,281	*
4100 FAMILY MEMBERS	1	0.5	8,086	20,336	*
4200 FARM AS BUSINESS	3	2.8	48,824	111,563	*

CATEGORY	OF	YEARS	CASH DONATION	(GROSS) 1977	1977
6100 SOIL AND LAND	5	1.8	6,161	130,964	*
0200 WATER	4	3.8	102,766	296,456	*
0400 AIR AND CLIMATE	1	0.9	0	38,531	*
0500 CITRUS SUB TROP FRUIT	35	15.9	416,784	1,148,965	*
1100 POTATOES	1	0.1	0	4,246	*
1200 VEGETABLES	33	27.3	430,712	1,727,645	*
1300 ORNAMENTALS TURF	6	2.2	69,310	187,837	*
1400 CORN	3	1.0	18,994	97,312	*
1500 GRAIN SOYBEAN	3	1.4	18,994	91,971	*
1600 RICE	5	2.3	25,336	154,334	*
1900 PASTURE	6	1.4	54,603	219,565	*
2300 FORAGE CROPS	6	2.4	79,601	330,727	*
2300 SOYBEANS	2	0.5	18,994	68,411	*
2600 TOBACCO	4	0.6	24,143	52,396	*
2700 SUGAR CROPS	27	19.1	552,565	1,416,979	*
2800 MISC NEW CROPS	13	4.6	105,006	324,191	*
2900 POULTRY	4	0.6	15,830	60,344	*
3000 BEEF CATTLE	4	1.1	55,355	112,256	*
3100 DAIRY CATTLE	7	3.3	172,516	343,667	*
3200 SWINE	3	0.4	10,551	12,705	*
3600 POOD	1	1.4	109,572	224,565	*
4000 PEOPLE AS INDIVIDUAL	2	0.3	14,705	33,434	*
4100 FAMILY MEMBERS	1	3.7	15,401	46,894	*
4200 FARM AS BUSINESS	2	5.5	137,752	254,975	*
4300 SOC POLIT ORGANIZ	2	1.4	19,416	80,315	*
6500 INVERTEBRATES	2	1.3	0	55,173	*
6700 PLANTS	1	1.1	4,140	56,147	*
6900 RESEARCH ON EACH AGE	1	0.9	3,462	3,462	*
TOTAL	191	103.4	2,533,495	7,902,502	*

TABLE II-5 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY CATEGORY - PUERTO RICO KINGSTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PRO FND APPR/ CASH ATTESTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ SYS 1977
0100 SOIL AND LAND	12	3.6	59,002	174,617	*
0200 WATER	6	2.6	40,449	130,811	*
0400 AIR AND CLIMATE	2	0.5	1,691	7,106	*
0500 RECREATION RESOURCES	3	1.4	31,985	113,815	*
0600 WILDLIFE AND FISH	3	2.3	51,735	125,156	*
0900 CITRUS SUB TROP FRUIT	16	8.2	80,122	364,166	*
1300 ORNAMENTALS TURF	4	0.1	304	4,505	*
1100 POTATOES	1	0.6	64,886	119,548	*
1200 VEGETABLES	4	0.6	38,019	22,056	*
1300 ORNAMENTALS TURF	13	7.3	124,742	68,909	*
2900 POULTRY	5	2.7	70,932	355,526	*
3100 DAIRY CATTLE	3	0.5	10,388	164,369	*
3400 OTHER ANIMALS	2	0.2	2,265	57,294	*
3700 CLOTHING & TEXTILES	1	0.5	5,007	5,344	*
3800 FOOD	4	3.6	50,744	6,071	*
3900 HOUSING & EQUIP	1	0.4	9,366	191,455	*
4000 PEOPLE AS INDIVIDUAL	4	0.9	8,956	33,595	*
4300 SOC POLIT ORGANIZ	2	1.1	32,060	22,438	*
6700 PLANTS	1	0.6	2,279	78,451	*
6800 ANIMALS (INVERTEBRATES)	1	0.0	387	14,301	*
TOTAL	91	38.4	713,633	2,060,171	*

CLASSIFICATION CATEGORY	NO OF PROD	SCIENTIST YEARS 1977	PER FED ACP/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/UT/CA SYS 1977	WITH SARE AMOUNT 1977
00 SOIL AND LAND	16	3.4	52,552	257,910	*	0
00 WATER	11	1.5	43,468	112,912	*	0
00 WATERSHEDS RIVER BAS	2	0.1	9,505	20,434	*	0
00 AIR AND CLIMATE	2	0.2	4,637	9,714	*	0
00 TIMBER FOREST PRODUCT	5	0.4	4,302	35,930	*	0
00 WILDLIFE AND FISH	10	2.3	70,711	164,325	*	0
00 FRUIT NUTS DECIDUOUS	34	10.1	156,427	728,322	*	0
00 VEGETABLES	29	9.7	144,441	655,474	*	0
00 ORNAMENTALS TURF	15	4.4	45,737	310,650	*	0
00 CORN	19	3.7	44,210	236,616	*	0
00 GRAIN SORGHUM	2	0.1	778	14,415	*	0
00 WHEAT	5	0.6	15,468	45,144	*	0
00 OTHER SMALL GRAINS	5	0.7	22,776	66,222	*	0
00 PASTURE	2	0.4	26,084	32,352	*	0
00 FORAGE CROPS	19	5.3	70,712	374,655	*	10,151
00 COTTON	25	3.2	58,600	426,893	*	120,506
00 SOYBEANS	36	9.4	154,931	764,238	*	39,223
00 PEANUTS	6	0.6	1,250	58,066	*	0
00 TOBACCO	9	4.1	13,713	419,740	*	0
00 MISC NEW CROPS	2	0.1	6,950	9,325	*	0
00 POULTRY	29	5.0	156,463	537,720	*	0
00 BEEF CATTLE	26	6.3	349,975	1,175,125	*	0
00 DAIRY CATTLE	24	6.3	159,394	941,124	*	0
00 SWINE	17	2.3	74,875	267,919	*	0
00 SHEEP AND WOOL	4	0.3	15,600	57,334	*	0
00 OTHER ANIMALS	9	1.1	1,101	91,343	*	0
00 FARM SUPP & FACILITIES	1	0.0	0	964	*	964
00 CLOTHING & TEXTILES	2	3.0	7,321	22,394	*	0
00 FOOD	5	0.6	24,914	56,862	*	0
00 HOUSING & EQUIP	7	1.1	6,653	78,168	*	0
00 PEOPLE AS INDIVIDUAL	17	2.3	64,687	145,566	*	0
00 FAMILY MEMBERS	3	0.2	15,695	22,100	*	0
00 FARM AS BUSINESS	5	0.6	23,366	63,492	*	0
00 SOC POLIT ORGANIZ	7	1.1	68,349	92,456	*	0
00 AGRIC ECONOMY H S	2	0.2	15,196	29,776	*	0
00 OTH MARKET PROCESS	2	3.2	12,933	49,145	*	0
00 MARKETING SYSTEMS	1	0.1	0	23,163	*	0
00 EXP RESIGN/SIN: MEIN	1	1.5	0	115,033	*	0
00 INVENTORIES	3	0.9	3,536	44,233	*	0
00 PLANTS	6	1.1	26,117	102,581	*	0
00 ANIMALS (VEGETERATES)	6	0.1	434	41,955	*	0
00 UNCLASSIFIED	1	1.3	0	159,932	*	0
TOTAL	432	97.0	1,950,098	9,071,607	*	174,946

TABLE 11-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SOUTH DAKOTA

CLASSIFICATION CATEGORY	NO OF PROD	SCIENTIST YEARS 1977	PER FED ACP/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/UT/CA SYS 1977	WITH SARE AMOUNT 1977
00 SOIL AND LAND	11	5.6	95,222	357,235	*	0
00 WATER	10	2.1	22,333	167,670	*	0
00 AIR AND CLIMATE	2	0.3	14,899	22,673	*	0
00 RECREATION RESOURCES	2	0.6	0	139,108	*	0
00 TIMBER FOREST PRODUCT	9	1.9	52,291	278,172	*	0
00 RANGE	7	2.3	31,556	129,923	*	3,472
00 WILDLIFE AND FISH	11	1.3	29,019	203,020	*	0
00 FRUIT NUTS DECIDUOUS	3	0.4	16,227	35,775	*	0
00 POTATOES	1	0.1	902	4,259	*	0
00 VEGETABLES	3	0.7	11,010	36,689	*	0
00 ORNAMENTALS TURF	1	3.5	5,982	38,776	*	0
00 CORN	9	2.0	66,919	219,247	*	0
00 GRAIN SORGHUM	1	0.2	3	15,121	*	0
00 WHEAT	10	3.5	103,350	131,332	*	0
00 OTHER SMALL GRAINS	8	2.6	70,110	416,137	*	3,338
00 PASTURE	1	0.1	1,793	6,066	*	0
00 FORAGE CROPS	12	4.3	96,534	301,876	*	33,596
00 SOYBEANS	5	0.3	8,212	83,514	*	4,379
00 OTHER OILSEED CROPS	5	1.5	0,589	102,774	*	0,758
00 MISC NEW CROPS	2	0.1	0	53,197	*	0
00 POULTRY	10	3.2	90,961	165,521	*	0
00 BEEF CATTLE	27	9.5	223,685	899,278	*	33,596
00 DAIRY CATTLE	10	3.9	149,965	251,767	*	0
00 SWINE	13	3.1	37,942	117,671	*	22,510
00 SHEEP AND WOOL	13	2.7	67,477	177,130	*	0
00 OTHER ANIMALS	4	1.6	0	95,669	*	0
00 FARM SUPP & FACILITIES	3	1.2	14,590	46,750	*	0
00 CLOTHING & TEXTILES	3	1.9	13,617	56,537	*	0

TABLE 11-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - TENNESSEE				KNOXVILLE		
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPP/ CERS AMOUNTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA WITH SFS 1977	AM
0100 SOIL AND LAND	7	4.1	50,551	163,966	*	
0200 WATER	4	3.7	11,772	51,629	*	
0300 WATERSHEDS FIVER BAS	3	0.9	25,150	45,651	*	
0400 AIR AND CLIMATE	2	0.3	8,345	19,610	*	
0500 RECREATION RECREATION	2	0.5	15,545	25,532	*	
0600 TIMBER FOREST PRODUCT	20	5.2	178,477	608,515	*	
0700 WILDLIFE AND FISH	6	2.3	74,270	161,590	*	
1000 FRUIT NUTS SPECIOUS	9	2.1	47,439	106,911	*	
1100 POTATOES	1	0.0	0	1,021	*	
1200 VEGETABLES	21	7.9	207,096	404,210	*	
1300 ORNAMENTALS TURF	12	4.0	117,035	231,184	*	
1400 CORN	22	4.6	104,194	119,307	*	
1500 GRAIN SORGHUM	2	0.3	7,147	15,821	*	
1700 WHEAT	5	0.2	20,652	45,673	*	
1800 OTHER SMALL GRAINS	8	1.1	21,912	70,726	*	
1900 PASTURE	1	0.0	1,664	2,696	*	
2000 FORAGE CROPS	17	4.1	110,356	314,358	*	
2100 COTTON	22	5.6	154,038	355,793	*	
2200 COTTONSEED	2	0.4	21,478	29,616	*	
2300 SOYBEANS	29	6.1	170,157	405,895	*	
2500 OTHER OILSEED CROPS	2	0.1	0	2,043	*	
2600 TOBACCO	14	3.8	98,744	305,415	*	
2800 MISC NEW CROPS	1	0.1	2,000	9,539	*	
2900 POULTRY	10	3.8	120,897	270,965	*	
3000 BEEF CATTLE	33	11.0	332,253	1,784,513	*	
3100 DAIRY CATTLE	21	5.1	226,349	1,493,876	*	
3200 SWINE	16	5.1	153,148	498,158	*	
3300 SHEEP AND GOAT	4	0.9	22,758	97,547	*	
3400 OTHER ANIMALS	2	0.2	2,513	11,375	*	
3500 BEES AND HONEY	2	0.4	11,191	16,167	*	
3700 CLOTHING & TEXTILES	2	0.2	16,346	23,051	*	
3800 FOOD	5	2.9	120,534	174,604	*	
3900 HOUSING & EQUIP	1	0.6	18,725	27,025	*	
4000 PEOPLE AS INDIVIDUAL	12	3.7	129,905	162,955	*	
4100 FAMILY MEMBERS	5	2.6	62,767	101,702	*	
4200 FARM AS BUSINESS	6	1.1	36,492	58,065	*	
4300 SOC POLIT ORGANIZ	6	1.8	65,601	96,317	*	
4400 AGRIC ECONOMY USE	2	0.1	0	4,911	*	
4500 FARM COOPERATIVES	1	0.1	1,300	4,746	*	
4600 MARKETING SYSTEMS	1	0.1	3,316	6,576	*	
6100 WEEDS	1	0.4	14,095	23,869	*	
6200 MICROORGANISMS, VIRUS	1	0.5	12,652	20,829	*	
6700 PLANTS	1	1.6	0	94,915	*	
6800 ANIMALS (VERTEBRATES)	1	0.5	14,311	47,252	*	
7000 MACH EQUIP & TECHNOL	1	0.2	6,796	12,073	*	
9900 UNCLASSIFIED	1	0.0	0	392,261	*	
TOTAL	353	194.0	2,875,009	6,956,633	*	

0 AIR AND CLIMATE	7	1.2	12,616	55,094	*	795
0 RECREATION RESOURCES	10	5.0	19,951	236,185	*	0
0 TIMBER FOREST PRODUCT	22	5.0	69,785	834,035	*	4,988
0 RANGE	39	8.6	77,560	1,016,671	*	9,093
0 WILDLIFE AND FISH	49	10.5	150,319	1,248,121	*	14,841
0 CITRUS AND TROP FRUIT	12	3.0	15,649	227,576	*	1,990
0 FRUIT NUTS DECIDUOUS	25	7.4	57,168	611,626	*	872
0 POTATOES	4	1.2	7,452	95,990	*	154
0 VEGETABLES	35	15.9	31,376	1,076,405	*	50,151
0 ORNAMENTALS TREE	11	5.0	15,308	466,564	*	0
0 CORN	19	2.5	28,497	229,671	*	1,882
0 GRAIN CORNGRASS	42	10.5	101,779	565,727	*	40,403
0 RICE	15	6.7	27,277	422,592	*	11,352
0 WHEAT	16	6.2	29,722	307,622	*	5,646
0 OTHER SMALL GRAINS	13	2.9	9,683	182,918	*	122
0 PASTURE	10	2.0	14,155	205,352	*	136
0 FORAGE CROPS	30	10.7	86,041	927,407	*	173
0 COTTON	57	10.4	346,011	3,699,323	*	13,245.1
0 COTTONSEED	4	0.6	10,144	50,064	*	0
0 SOYBEANS	16	3.0	13,426	223,556	*	1,061
0 PEANUTS	24	7.2	62,947	733,102	*	26,641
0 OTHER OILSEED CROPS	8	1.2	2,090	120,071	*	0
0 SUGAR CROPS	7	1.5	27,525	335,127	*	2,532
0 MISC NEW CROPS	5	0.5	6,205	31,245	*	0
0 POULTRY	24	10.2	195,223	654,592	*	71,037
0 BEEF CATTLE	40	19.3	470,345	2,692,753	*	151,359
0 DAIRY CATTLE	25	4.4	111,390	472,602	*	26,196
0 SWINE	6	1.2	27,505	146,567	*	3,444
0 SHEEP AND WOOL	23	2.5	71,917	422,497	*	30,327
0 OTHER ANIMALS	15	2.0	45,016	269,562	*	46,613
0 FARM SUPPL & FACILITIES	6	1.0	44,038	134,011	*	0
0 CLOTHING & TEXTILES	1	0.1	1,378	1,452	*	0
0 FOOD	15	6.1	194,735	348,617	*	0
0 HOUSING & EQUIP	7	0.7	14,581	79,146	*	1,882
0 PEOPLE AS INDIVIDUAL	12	4.0	166,597	272,986	*	5,465
0 FAMILY MEMBERS	5	0.4	18,699	39,551	*	0
0 FARM AS BUSINESS	9	3.1	79,146	151,213	*	30,646
0 SOC COLL ORGANIZ	9	2.2	75,918	117,242	*	0
0 AGRIC ECONOMY J C	1	0.0	17,361	45,665	*	0
0 FARM COOPERATIVES	3	0.2	11,124	85,327	*	16,373
0 OTH MARKET INTEREST	2	0.0	0	0,272	*	0
0 WREDS	1	6.0	93	683	*	0
0 SELF RESEARCH	2	0.1	1,105	17,821	*	5,991
0 PRO CELL SYSTEMS	6	1.3	5,073	106,169	*	0
0 INVENTORIES	5	0.5	3,664	91,500	*	672
0 MICROORGANISMS,VIRUS	2	0.8	0	49,465	*	0
0 LIABILITIES	17	5.9	105,426	439,827	*	0
0 ANIMALS (VEGETARIANS)	4	6.3	17,116	32,252	*	0
0 BEEF EQUIP & TECHNO	4	0.2	951	15,502	*	0
0 UNCLASSIFIED	2	45.6	129,596	2,742,558	*	268,901
TOTAL	832	272.6	1,352,566	25,602,720	*	1,007,786

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDING FOR 1977 BY COMMODITY - UTAH

CLASSIFICATION CATEGORY	NO OF	SCIENTIST	RED FED APP/	TOTAL FUNDS	USDA COM/IT/CA	WITH SARE
	1960	1977	CRS ADJUSTED	(DOLLARS)	1977	AMOUNT
			(DOLLARS) 1977	1977		1977
00 SOIL AND LAND	14	6.6	100,290	455,432	*	33,087
00 WATER	6	2.2	51,412	185,054	*	0
00 WATERFRESH FIVE BAS	6	0.5	23,116	69,547	*	14,858
00 AIR AND CLIMATE	3	1.1	29,656	71,186	*	6,186
00 RECREATION RESOURCES	4	2.1	45,416	85,706	*	0
00 TIMBER FOREST PRODUCT	3	0.9	17,205	50,746	*	15,322
00 RANGE	15	2.0	29,833	271,522	*	21,365
00 FRUIT NUTS DECIDUOUS	11	3.9	73,603	236,584	*	0
00 POTATOES	3	0.6	13,153	46,800	*	0
00 VEGETABLES	9	1.8	32,714	158,536	*	28,369
00 ORNAMENTALS TREE	1	0.7	0	41,278	*	13,731
00 CORN	2	0.3	3,658	14,383	*	0
00 WHEAT	7	1.7	19,165	136,485	*	0
00 OTHER SMALL GRAINS	5	0.7	0	41,159	*	0
00 FORAGE CROPS	9	2.9	44,151	174,712	*	0
00 SUGAR CROPS	4	0.2	1,023	11,346	*	0
00 POULTRY	6	4.4	68,170	268,592	*	1,759
00 BEEF CATTLE	11	3.7	104,198	431,679	*	33,550
00 DAIRY CATTLE	24	5.0	124,328	699,591	*	1,265
00 SWINE	3	0.1	3,441	13,441	*	1,265
00 SHEEP AND WOOL	0	5.6	82,126	566,631	*	12,195
00 OTHER ANIMALS	3	1.1	27,021	116,925	*	775
00 BEES AND HONEY	2	0.0	457	1,015	*	0
00 FOOD	7	2.1	17,660	190,569	*	5,276
00 HOUSING & EQUIP	1	0.3	0	31,397	*	0
00 PEOPLE AS INDIVIDUAL	5	0.8	15,963	69,745	*	0
00 FAMILY MEMBERS	1	0.1	0	2,641	*	0
00 FARM AS BUSINESS	2	0.6	0	29,539	*	335
00 SOC COLL ORGANIZ	8	2.9	51,891	146,524	*	0
00 AGRIC ECONOMY J C	1	0.0	0	0	*	0

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CRS ADMSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977
0100 SOIL AND LAND	11	2.7	71,842	145,120	*
0200 WATER	3	2.9	9,201	62,640	*
0300 WATERSHEDS RIVER BAS	1	0.2	9,264	13,515	*
0400 AIR AND CLIMATE	1	0.1	4,796	4,759	*
0500 RECREATION PASCHORS	5	9.9	28,617	47,958	*
0600 TIMBER FOREST PRODUCT	9	2.1	59,916	135,934	*
1000 FRUIT NUTS DECIDUOUS	10	2.9	105,240	196,821	*
1100 FOLIAGES	1	0.1	0	2,667	*
1200 VEGETABLES	2	0.2	750	3,814	*
1300 CRANIALS TUFF	7	1.5	45,739	74,227	*
1400 CORN	2	0.2	2,732	9,271	*
2000 FORAGE CROPS	6	1.1	46,526	64,951	*
2500 COUNTRY	5	1.1	51,129	157,476	*
3000 BEEF CATTLE	1	0.1	1,160	4,737	*
3100 DAIRY CATTLE	17	4.7	101,168	398,933	*
3300 SHEEP AND GOAT	2	0.1	4,160	6,216	*
3400 OTHER ANIMALS	1	0.1	3,521	14,461	*
3600 FARM SUPP & FACILITIES	1	0.3	3,541	13,999	*
4000 PEOPLE AS INDIVIDUAL	4	2.4	54,176	123,377	*
4100 FAMILY MEMBERS	1	0.2	0	8,776	*
4200 FARM AS BUSINESS	1	0.2	0	9,775	*
4300 SOC POLIT ORGANIZ	4	0.2	26,836	41,369	*
4400 MARKETING SYSTEMS	2	0.8	22,446	32,855	*
6000 BIO CELL SYSTEMS	7	3.5	73,103	191,511	*
6600 MICROORGANISMS, VIRUS	1	0.0	4,695	6,342	*
6700 PLANTS	3	0.4	7,221	54,367	*
TOTAL	107	27.8	825,467	1,655,034	*

TABLE II-5 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - VIRGIN ISLANDS ST. THOMAS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CRS ADMSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977
0600 TIMBER FOREST PRODUCT	1	0.1	1,141	3,292	*
0900 WILDLIFE AND FISH	2	1.1	29,462	43,406	*
0900 CITRUS SUB TROP FRUIT	1	0.6	13,137	48,249	*
1000 FRUIT NUTS DECIDUOUS	1	0.1	3,682	4,874	*
1200 VEGETABLES	1	0.1	11,983	14,719	*
1500 GRAIN SOYBEAN	1	0.4	12,307	15,851	*
1900 PASTURE	1	0.4	11,120	14,729	*
2000 FORAGE CROPS	1	0.4	12,307	15,851	*
3300 BEEF CATTLE	1	1.2	40,153	40,153	*
6900 RESEARCH ON ESCH MGN	1	0.3	1,141	3,292	*
TOTAL	11	4.5	156,439	193,069	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CRSPS ADMITPD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COR/GE/CA SIS 1977	WITH SAES AMOUNT 1977
0 SOIL AND LAND	14	6.4	11,983	529,406	*	115
0 WATER	6	1.5	23,183	83,329	*	115
0 WATERSHEDS RIVER BAS	2	1.6	49,586	140,365	*	0
0 RECREATION RESOURCES	2	1.1	29,979	79,897	*	7,83H
0 TIMBER FOREST PRODUCT	26	16.7	197,567	1,313,945	*	155,944
0 WILDLIFE AND FISH	4	2.9	50,768	514,709	*	32,818
0 CITRUS SUB TROP FRUIT	1	0.0	0	610	*	0
0 FRUIT NUTS ORCIGUOUS	22	5.6	180,627	619,357	*	6,160
0 VEGETABLES	6	1.7	9,454	111,114	*	1,167
0 ORNAMENTALS TURF	12	6.2	110,736	457,938	*	3,676
0 CORN	13	3.7	69,194	290,192	*	2,633
0 GRAIN SCRUBUM	1	0.1	0	6,896	*	0
0 WHEAT	5	1.3	29,498	58,517	*	1,015
0 OTHER SMALL GRAINS	1	1.1	27,659	78,377	*	1,019
0 PASTURE	2	0.1	0	12,060	*	0
0 FORAGE CROPS	10	7.5	66,015	376,521	*	32,729
0 COTTON	3	0.3	1,162	41,167	*	13,242
0 SOYBEANS	16	6.1	36,515	430,527	*	32,848
0 PEANUTS	5	2.9	35,131	207,253	*	11,124
0 TOBACCO	16	8.8	74,184	631,656	*	3,523
0 POULTRY	17	5.7	206,360	658,226	*	3,709
0 BEEF CATTLE	23	10.1	162,542	655,955	*	31,793
0 DAIRY CATTLE	19	7.7	296,501	773,503	*	5,538
0 SWINE	10	6.4	98,075	572,921	*	36,976
0 SHEEP AND WOOL	6	1.7	33,647	236,921	*	0
0 OTHER ANIMALS	5	1.4	53,535	158,641	*	0
0 CLOTHING & TEXTILES	1	1.3	25,065	31,245	*	0
0 FOOD	7	2.8	112,089	211,366	*	14,154
0 HOUSING & EQUIP	2	2.2	40,010	113,714	*	2,017
0 PEOPLE AS INDIVIDUAL	16	7.0	151,756	358,747	*	4,413
0 FAMILY MEMBERS	3	1.5	11,040	21,427	*	0
0 FARM AS BUSINESS	1	0.1	0	4,446	*	0
0 SOC POLIT ORGANIZ	5	1.4	34,367	97,759	*	0
0 AGRIC ECONOMY H S	1	3.0	0	110,332	*	0
0 OTH MARKET PROCESS	1	0.3	0	23,417	*	0
0 MARKETING SYSTEMS	2	0.4	21,296	47,804	*	5,487
0 WREDS	4	0.7	10,877	25,142	*	4,273
0 BIO CELL SYSTEMS	4	2.7	34,114	211,981	*	0
0 INVERTEBRATES	3	1.4	40,070	54,266	*	1,831
0 MICROORGANISMS,VIRUS	2	11.0	11,265	1,146,012	*	0
0 PLANTS (VERTEBRATES)	14	4.4	109,574	371,637	*	2,161
0 ANIMALS (VERTEBRATES)	3	2.2	29,574	124,717	*	115
0 RSCH EQUIP & TECHNOL	1	1.8	0	175,467	*	0
0 UNCLASSIFIED	1	0.7	959	57,691	*	0
TOTAL	222	162.3	2,575,542	11,300,462	*	619,561

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CRSPS ADMITPD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COR/GE/CA SIS 1977	WITH SAES AMOUNT 1977
00 SOIL AND LAND	15	8.2	170,052	817,317	*	52,177
00 WATER	12	1.9	41,007	161,085	*	9,500
00 WATERSHEDS RIVER BAS	4	0.1	7,429	29,420	*	744
00 AIR AND CLIMATE	2	0.5	9,233	19,425	*	0
00 RECREATION RESOURCES	3	0.0	1,154	8,078	*	1,035
00 TIMBER FOREST PRODUCT	30	9.6	117,520	926,677	*	55,707
00 RANGE	11	0.6	4,399	76,752	*	9,162
00 WILDLIFE AND FISH	6	1.8	16,317	51,549	*	2,523
00 FRUIT NUTS ORCIGUOUS	57	22.9	317,184	2,765,172	*	18,535
00 POTATOES	22	7.5	30,285	822,105	*	30,260
00 VEGETABLES	60	11.1	177,766	1,485,358	*	30,568
00 ORNAMENTALS TURF	16	5.8	0	481,933	*	670
00 CORN	5	0.2	575	19,863	*	37
00 WHEAT	17	6.9	142,427	942,228	*	37,919
00 OTHER SMALL GRAINS	26	2.7	79,386	373,861	*	346
00 PASTURE	1	0.2	0	9,387	*	0
00 FORAGE CROPS	15	3.1	69,268	339,271	*	1,477
00 SOYBEANS	2	0.2	0	21,356	*	0
00 OTHER OILSEED CROPS	2	0.1	13,468	16,548	*	0
00 SUGAR CROPS	6	1.9	2,367	141,096	*	2,359
00 MISC NEW CROPS	9	1.6	23,324	279,256	*	7,530
00 POULTRY	16	5.7	42,667	717,624	*	0
00 BEEF CATTLE	22	5.0	124,946	776,504	*	0
00 DAIRY CATTLE	16	4.5	70,321	386,138	*	0
00 SWINE	5	0.9	4,695	165,336	*	0
00 SHEEP AND WOOL	11	2.5	58,028	225,160	*	0
00 OTHER ANIMALS	4	0.6	0	42,489	*	0
00 BEES AND HONEY	2	1.0	44,010	74,516	*	0
00 FARM SUPP & FACILITIES	1	0.1	0	1,129	*	0
00 FOOD	3	0.2	19,217	18,725	*	240
00 HOUSING & EQUIP	2	0.6	17,258	57,900	*	0
00 UNCLASSIFIED	1	0.7	959	57,691	*	0

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIFIC YEARS 1977	REG FED APPR/ CSRS ACROSS (GROSS) 1977	TOTAL PHSES (GROSS) 1977	USDA CON/AGT/ SIS 1977
0100 SOIL AND LAND	12	3.6	198,754	937,350	*
0200 WATER	13	3.4	95,077	246,455	*
0300 WATERSHEDS RIVER BAS	3	0.5	0	32,312	*
0400 AIR AND CLIMATE	2	0.2	25,075	60,423	*
0500 RECREATION RESOURCES	2	0.2	25,155	877,231	*
0600 TIMBER FOREST PRODUCT	32	11.5	31,545	563,133	*
0700 WILDLIFE AND FISH	23	5.6	57,688	299,305	*
1000 FRUIT NUTS LEGUMINOUS	14	4.2	137,340	486,134	*
1100 POTATOES	21	5.6	133,641	832,327	*
1200 VEGETABLES	41	11.0	20,715	153,136	*
1300 ORNAMENTALS TREE	10	2.7	96,841	230,743	*
1400 CORN	14	3.1	6,401	13,052	*
1500 WHEAT	4	0.7	1,297	37,327	*
1600 OTHER SMALL GRAINS	8	1.9	13,524	172,351	*
1900 PASTURE	1	0.2	0	5,403	*
2000 FORAGE CROPS	21	7.1	145,430	653,347	*
2300 SWEANS	12	2.5	13,365	218,276	*
2400 TUBACCO	2	0.6	3,135	19,844	*
2500 POULTRY	17	4.1	112,059	567,456	*
3000 BEEF CATTLE	15	6.0	167,115	564,147	*
3400 DAIRY CATTLE	54	14.6	446,501	2,394,977	*
4200 SWINE	22	3.5	115,226	531,491	*
4300 SHEEP AND WOOL	6	1.2	46,494	227,602	*
4400 OTHER ANIMALS	9	1.6	25,381	401,871	*
3500 BEES AND HONEY	3	3.0	0	113,000	*
4700 CLOTHING & TEXTILES	1	0.2	15,569	15,569	*
3800 FOOD	31	10.4	163,354	979,742	*
4900 HOUSING & EQUIP	2	0.7	0	11,837	*
4000 PEOPLE AS INDIVIDUAL	41	5.5	161,715	1,202,494	*
4100 FAMILY MEMBERS	2	0.2	7,970	13,616	*
4200 FARM AS BUSINESS	3	1.3	18,020	64,634	*
4300 SOC POLIT ORGANIZ	15	6.0	65,476	234,376	*
4400 AGRIC ECONOMY C S	2	1.2	14,534	137,321	*
4500 FARM COOPERATIVES	4	0.5	34,362	54,568	*
4600 MARKETING SYSTEMS	5	1.9	74,223	196,843	*
4700 BIO CELL SYSTEMS	15	6.2	0	1,113,394	*
4800 EXP DESIGN/STAT METH	1	0.2	0	11,254	*
5500 INVERTEBRATES	11	2.7	23,770	240,285	*
6600 MICROORGANISMS, VIROS	21	5.2	42,342	1,402,956	*
6700 PLANTS	12	3.7	31,764	354,543	*
6800 ANIMALS (VERTEBRATES)	15	3.8	25,225	534,235	*
7000 RECH EQUIP & TECHNOL	2	0.3	23,513	33,383	*
TOTAL	581	161.2	2,661,862	17,365,635	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - WEST VIRGINIA MORGANTOWN

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIFIC YEARS 1977	REG FED APPR/ CSRS ACROSS (GROSS) 1977	TOTAL PHSES (GROSS) 1977	USDA CON/AGT/ SIS 1977
0100 SOIL AND LAND	12	3.6	121,936	289,596	*
0200 WATER	1	7.7	25,038	48,831	*
0300 WATERSHEDS RIVER BAS	1	0.0	1,106	2,124	*
0400 AIR AND CLIMATE	2	0.2	8,557	14,160	*
0500 RECREATION RESOURCES	7	1.8	36,929	65,618	*
0600 TIMBER FOREST PRODUCT	16	5.2	222,249	428,382	*
0700 RANGE	1	0.5	67,739	120,514	*
0800 WILDLIFE AND FISH	11	1.9	22,058	121,748	*
1000 FRUIT NUTS LEGUMINOUS	11	4.1	205,648	359,661	*
1100 POTATOES	3	1.1	74,243	94,995	*
1200 VEGETABLES	5	1.6	54,670	87,603	*
1300 ORNAMENTALS TREE	4	3.3	46,454	85,951	*
1400 CORN	3	2.7	40,725	69,188	*
1500 WHEAT	1	0.1	0	5,138	*
1600 OTHER SMALL GRAINS	1	0.1	0	5,138	*
2000 FORAGE CROPS	6	1.7	57,405	145,407	*
2300 SWEANS	7	3.1	153,744	335,074	*
2400 TUBACCO	12	2.9	203,324	420,184	*
2500 POULTRY	7	1.1	32,713	147,549	*
3000 BEEF CATTLE	5	1.7	115,556	295,963	*
3400 DAIRY CATTLE	1	0.5	28,081	40,529	*
3500 SHEEP AND WOOL	1	0.4	10,644	12,305	*
3800 OTHER ANIMALS	1	0.2	9,828	11,888	*
4000 PEOPLE AS INDIVIDUAL	1	1.0	48,450	60,082	*
4100 FARM AS BUSINESS	1	1.5	48,450	93,000	*
4200 SOC POLIT ORGANIZ	1	1.5	48,450	93,000	*
4300 AGRIC ECONOMY C S	1	1.5	48,450	93,000	*
4400 FARM COOPERATIVES	1	1.5	48,450	93,000	*
4500 MARKETING SYSTEMS	1	1.5	48,450	93,000	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG PED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA SIS 1977	WITH SALES AMOUNT 1977
GUL AND LAND	6	1.6	17,067	119,036	*	0
WATER	10	2.4	38,754	157,229	*	0
WATERSHEDS RIVER BAS	1	0.4	1,250	19,476	*	0
WIND AND CLIMATE	4	0.7	6,468	29,090	*	0
WINDER FASST PRODUCE	3	1.7	57,426	10,625	*	0
WINDY	13	4.3	35,166	317,670	*	0
WILDLIFE AND FISH	1	0.1	3,575	5,757	*	0
WILDLIFE DECIDUOUS	1	0.2	0	10,231	*	0
WILDLIFE	1	0.1	6,454	13,451	*	0
WILDLIFE	1	0.1	0	30,608	*	0
WILDLIFE TURT	2	0.4	2,153	19,556	*	0
WILDLIFE	4	0.2	2,250	27,236	*	0
WILDLIFE	5	0.7	7,310	50,861	*	0
WILDLIFE SMALL GRAINS	6	0.7	11,424	71,205	*	0
WILDLIFE	4	0.2	8,267	35,652	*	0
WILDLIFE CROPS	11	1.1	50,715	217,102	*	15,030
WILDLIFE	1	1.1	24,394	31,090	*	0
WILDLIFE CROPS	1	1.1	22,055	93,104	*	0
WILDLIFE	5	0.5	16,597	45,106	*	0
WILDLIFE CATTLE	22	7.7	270,964	625,296	*	25,000
WILDLIFE CATTLE	5	1.4	54,448	35,107	*	0
WILDLIFE AND WOOD	12	4.9	158,241	264,423	*	0
WILDLIFE ANIMALS	3	0.5	7,731	28,866	*	0
WILDLIFE SUPP & FACILITIES	2	0.5	4,146	16,625	*	0
WILDLIFE	1	0.0	1,167	1,314	*	0
WILDLIFE & EQUIP	3	1.1	4,227	43,783	*	11,454
WILDLIFE AS INDIVIDUAL	1	0.2	5,601	7,661	*	0
WILDLIFE AS BUSINESS	1	0.7	19,763	19,523	*	0
WILDLIFE ORGANIZ	4	0.6	10,672	34,352	*	0
WILDLIFE POLICY J S	2	0.2	1,720	6,332	*	0
WILDLIFE MARKET PROCESS	1	0.1	1,442	2,291	*	0
WILDLIFE MARKETING SYSTEMS	1	0.2	5,000	5,630	*	0
WILDLIFE	1	0.2	3,459	7,076	*	0
WILDLIFE CELL SYSTEMS	1	2.4	40,761	74,371	*	0
WILDLIFE	5	1.5	5,653	141,651	*	0
WILDLIFE ORGANISMS, VIRUS	1	0.3	1,463	11,020	*	0
WILDLIFE	6	2.6	23,602	82,786	*	0
WILDLIFE (VERTEBRATES)	2	0.7	0	27,381	*	0
	162	47.1	951,845	2,040,155	*	71,459

0100 SOIL AND LAND	43	14.9	142,380	1,462,495	*
0200 WATER	24	9.2	39,691	751,360	*
0300 WATERSHEDS RIVER BAS	18	11.9	21,631	271,744	*
0400 AIR AND CLIMATE	2	1.7	24,114	53,025	*
0500 RECREATION RESOURCES	35	6.3	137,456	496,324	*
0600 TIMBER FOREST PRODUCT	384	128.5	1,530,181	10,054,056	*
0700 RANGE	26	2.6	25,765	155,876	*
0800 WILDLIFE AND FISH	66	14.5	116,225	1,610,214	*
1300 MINERALS TUFF	3	0.2	2,741	7,227	*
2000 FOREST CROPS	1	0.2	0	10,151	*
2300 SOYBEANS	1	0.4	0	36,814	*
2900 POULTRY	1	0.1	0	807	*
3000 BEEF CATTLE	1	0.1	0	3,714	*
3200 SWINE	1	0.0	0	39,048	*
3900 HOUSING & EQUIP	3	0.8	0	56,246	*
4000 PEOPLE AS INDIVIDUAL	3	0.5	6,833	41,151	*
4300 SOC POLIT ORGANIZ	1	0.1	0	1,786	*
4500 AGRIC ECONOMY FORUM	1	0.2	0	76	*
4300 SOC POLIT SYSTEMS	1	0.2	0	7,322	*
6400 BAP DESIGN/STAT METH	5	2.0	3,405	127,123	*
6500 INVESTIGATIVE	1	1.0	0	15,364	*
6600 MICROORGANISMS, VIRUS	1	0.1	0	3,729	*
6700 PLANTS	4	2.9	902	50,941	*
7000 RECH EQUIP & TECHNOL	6	0.6	19,835	42,255	*
9900 UNCLASSIFIED	6	16.9	0	1,048,133	*
TOTAL	648	208.8	2,033,021	16,386,422	*

TABLE 11-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	SEG FED APPR/ CEBS ADMSTRN (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COS/GT/ SYS 1977
SERIES 100					
101 APPRAIS OF SOIL RES	9	5.5	12,355	593,412	*
102 SOIL PLNT MTH MUTBI	21	6.7	68,194	647,978	*
104 ALTERN USE OF LAND	11	2.3	67,125	160,543	*
105 CONSERV USE OF WATR	4	5.4	3,602	573,175	*
106 FRAIN AND IRRIGATION	1	0.1	0	19,710	*
107 WATERSHED PROT & MS	21	18.9	29,132	1,398,750	*
108 ECON LBN PROD OF WA	1	0.0	0	166	*
109 WEATHER ADAPT & ROC	2	1.1	24,114	66,674	*
110 APPRAIS FOREST & RAN	36	5.9	86,110	373,172	*
111 BIOL CULT MGMT FORS	159	37.9	643,552	3,526,517	*
112 IMPROV RANGE RESGR	14	1.0	6,003	145,521	*
113 REMOTE SENSING	12	1.0	31,908	62,214	*
SUBTOTAL	251	79.6	968,355	7,567,952	*
SERIES 200					
201 CONTR FOREST INSECTS	39	8.6	73,529	766,950	*
202 CONTR FOREST DIS	27	4.5	99,433	437,417	*
203 FOREST FIRE PROTECT	5	0.7	0	68,405	*
211 CONTR DIS ANIMALS	1	0.1	0	807	*
213 PROT ANMLS FROM TOX	1	0.1	0	1,714	*
214 PROTECT FROM POLLUT	6	0.0	4,441	51,485	*
SUBTOTAL	79	14.6	177,253	1,326,776	*
SERIES 300					
301 GENET BREED FOREST T	41	7.5	257,120	714,230	*
302 IMP FOREST ENG SYS	10	5.3	30,115	278,865	*
303 ECON TIMBER PRODUCT	31	3.3	31,040	246,312	*
307 IMP SIC REF PLC CAR	2	2.2	0	37,890	*
310 ANIMAL REPRODUCTION	1	0.3	0	38,048	*
316 NON-COM BIO TECHNOL	10	3.6	4,508	163,983	*
		21.8	322,866	1,519,348	*
		34.8	155,564	1,743,760	*
		34.8	155,564	1,743,760	*
		1.4	24,201	66,593	*
		1.3	4,528	67,805	*
		2.4	41,432	132,024	*
		5.0	76,161	286,422	*
		0.5	6,173	44,963	*
			6,173	44,963	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CERS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SACS AMOUNT 1977
2 SOIL AND LAND	2	0.1	10,501	11,601	*	0
0 WATER	1	0.0	6	6	*	0
0 TIMBER FORST PRODUCT	3	0.5	117,133	117,133	*	0
0 RANGE	1	0.1	5,151	5,151	*	0
3 WILDLIFE AND FISH	1	0.1	2,537	2,537	*	0
AL	6	1.0	135,628	135,628	*	0

LE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH FLAGSTAFF

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CERS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SACS AMOUNT 1977
0 RECREATION RESOURCES	2	0.2	177	2,077	*	0
0 TIMBER FORST PRODUCT	7	2.5	39,109	11,309	*	0
0 RANGE	2	0.6	6,620	14,020	*	0
AL	11	3.2	45,165	110,265	*	0

LE II-C SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH ALCATA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CERS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SACS AMOUNT 1977
0 SOIL AND LAND	*	0.2	5,858	12,412	*	0
0 TIMBER FORST PRODUCT	6	0.1	10,110	39,766	*	0
0 ORNAMENTALS TREE	2	0.2	2,791	7,072	*	0
AL	10	0.6	28,759	59,269	*	0

LE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH CARBONDALE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/ SYS 1977
0100 SOIL AND LAND	1	0.4	34,342	71,205	*
0200 WATER	5	3.1	15,346	35,050	*
0300 WATERSHEDS RIVER BAS	3	3.3	18,723	29,481	*
0400 AIR AND CLIMATE	1	0.2	0	2,476	*
0500 RECREATION RESOURCES	1	0.2	21,022	21,022	*
0600 TIMBER FOREST PRODUCT	5	4.1	53,800	97,852	*
0700 RANGE	2	3.1	970	21,865	*
0800 WILDLIFE AND FISH	1	1.1	0	59,816	*
3000 BEEF CATTLE	1	4.0	7,900	7,900	*
TOTAL	25	1.7	152,103	346,536	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH						USDA COM/ST/ SYS 1977
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/ SYS 1977	USDA COM/ST/ SYS 1977
0100 SOIL AND LAND	1	0.2	5,653	16,003	*	
0200 WATER	1	3.1	0	7,278	*	
0300 WATERSHEDS RIVER BAS	3	0.5	0	69,166	*	
0500 RECREATION RESOURCES	1	1.7	8,844	90,372	*	
0600 TIMBER FOREST PRODUCT	40	11.6	142,302	1,093,012	*	
0700 RANGE	6	1.5	14,525	139,490	*	
0800 WILDLIFE AND FISH	39	4.1	10,344	731,264	*	
3000 BEEF CATTLE	1	0.1	0	3,714	*	
6700 PLANTS	1	0.1	0	6,555	*	
9900 UNCLASSIFIED	1	0.1	0	221,590	*	
TOTAL	100	25.6	193,397	2,379,256	*	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH						USDA COM/ST/ SYS 1977
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/ SYS 1977	USDA COM/ST/ SYS 1977
0100 SOIL AND LAND	1	0.5	10,403	27,638	*	
0600 TIMBER FOREST PRODUCT	4	2.4	48,764	129,553	*	
0800 WILDLIFE AND FISH	1	0.6	5,051	15,546	*	
TOTAL	6	3.6	65,318	172,737	*	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY						USDA COM/ST/ SYS 1977
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/ SYS 1977	USDA COM/ST/ SYS 1977

-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH MISSCULA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG PED APPR/ CPRS ACCTPL (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SALES AMOUNT 1977
1 AND LAND	1	0.0	655	21,276	*	0
ES	1	0.0	909	24,117	*	0
RECURS WIFE GAS	1	0.2	0	37,752	*	0
SEASON RESOURCES	1	0.2	17,202	33,612	*	0
PER FOREST PRODUCT	10	2.2	106,236	365,167	*	0
ELITE AND FISH	5	1.0	37,361	186,275	*	0
	19	4.5	162,523	666,230	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH SYRACUSE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG PED APPR/ CPRS ACCTPL (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SALES AMOUNT 1977
100 SOIL AND LAND	4	0.5	11,967	13,626	*	0
200 WATER	2	0.6	5,733	22,110	*	0
300 WATERSHEDS RIVER GAS	1	0.1	1,928	9,253	*	0
400 RECREATION RESOURCES	2	0.2	0	12,646	*	700
500 TIMBER FOREST PRODUCT	12	14.0	103,217	604,167	*	17,833
600 WILDLIFE AND FISH	12	2.1	0	190,756	*	250
700 SOC ECOT SYSTEMS	1	0.1	0	1,766	*	0
800 BIC CELL SYSTEMS	1	0.2	0	7,322	*	0
900 INVERTEBRATES	1	1.0	2	15,594	*	0
1000 MICROORGANISMS, VIRUS	1	0.1	0	3,725	*	0
200 PLANTS	2	1.5	0	42,636	*	0
300 TECH EQUIP & TECHNOL	2	0.2	11,935	20,275	*	0
999 UNCLASSIFIED	1	12.2	0	694,520	*	76,927
TOTAL	62	33.7	136,846	1,696,017	*	115,710

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH CORVALLIS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG PED APPR/ CPRS ACCTPL (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH SALES AMOUNT 1977
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CATEGORY	CF PROJ	YEARS 1977	CSRS ADMINSTRD (GROSS) 1977	(GROSS) 1977	SYC 1977
0100 SOIL AND LAND	4	0.4	16,222	28,955	*
0200 WATER	1	0.7	0	55,940	*
3100 WATERSHEDS RIVER BAS	1	0.0	0	5,123	*
0500 RECREATION RESOURCES	1	0.5	21,941	25,832	*
0600 TIMBER FORST PRODUCT	35	7.0	155,365	493,811	*
0800 WILDLIFE AND FISH	7	0.9	21,192	80,558	*
2900 POULTRY	1	0.1	0	897	*
7300 RSCH EQUIP & TECHNOL	1	0.4	0	13,440	*
9900 UNCLASSIFIED	1	2.0	0	83,424	*
TOTAL	55	12.6	214,520	778,109	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH NACOGDOCHES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG PER APPR/ CSRS ADMINSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COS/ST/CA SYC 1977
0100 SOIL AND LAND	4	0.4	9,675	21,534	*
0200 WATER	2	0.1	0	15,271	*
3100 WATERSHEDS RIVER BAS	2	0.1	0	28,159	*
3500 RECREATION RESOURCES	1	0.3	0	27,960	*
0600 TIMBER FORST PRODUCT	20	4.1	77,499	354,315	*
0800 WILDLIFE AND FISH	3	0.5	28,310	63,022	*
9900 UNCLASSIFIED	1	1.2	0	1,597	*
TOTAL	33	6.7	115,476	550,867	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH BURLINGTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG PER APPR/ CSRS ADMINSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COS/ST/CA SYC 1977
0500 RECREATION RESOURCES	2	0.5	32,534	78,075	*
0600 TIMBER FORST PRODUCT	4	1.6	53,755	130,446	*
0800 WILDLIFE AND FISH	2	0.7	17,139	59,016	*
0000 PEOPLE AS INDIVIDUAL	1	3.1	6,633	16,727	*
TOTAL	9	5.9	110,059	284,264	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PER PRO AFFPR/ CSES ALPSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COS/GT/CA SYS 1977	WITH AMG 1977
3100 SOIL AND LAND	27	8.4	0	556,417	*	595,9
3200 WATER	14	7.6	0	336,574	*	338,9
3300 WATERSHEDS RIVER BAS	3	1.5	0	62,381	*	62,3
3400 AIR AND CLIMATE	1	0.4	0	40,000	*	40,0
3500 RECREATION RESOURCES	3	0.6	0	46,886	*	42,8
3600 TIMBER FOREST PRODUCT	3	6.8	0	52,875	*	29,0
3650 WILDLIFE AND FISH	18	4.1	0	346,500	*	330,6
3900 FISHING AND FISH	2	3.1	0	3,376	*	9,3
1000 FRUIT NUTS DECIDUOUS	7	2.4	0	195,212	*	195,2
1200 VEGETABLES	26	9.3	0	546,749	*	548,7
1360 ORNAMENTALS TURF	2	0.6	0	42,466	*	42,4
1500 CORN	1	0.2	0	3,292	*	3,2
1500 GRAIN SORGHUM	1	0.0	0	2,507	*	2,5
1703 WHEAT	4	3.6	0	33,777	*	30,7
1800 OTHER SMALL GRAINS	17	6.1	0	685,001	*	686,0
1900 PASTURE	1	0.1	0	4,467	*	4,4
2000 FORAGE CROPS	6	0.7	0	125,352	*	121,7
2103 COTTON	9	6.0	0	265,734	*	236,2
2200 COTTONSEED	1	0.0	0	1,032	*	1,0
2303 SOYBEANS	29	9.2	0	782,203	*	542,7
2400 PEANUTS	8	4.6	0	242,773	*	242,7
2500 OTHER OILSEED CROPS	1	0.0	0	8,496	*	8,4
2603 TOBACCO	2	0.2	0	33,230	*	33,2
2803 WSC NEW CROPS	1	0.2	0	5,913	*	5,9
2900 POULTRY	17	5.0	0	438,607	*	432,5
3300 BEEF CATTLE	25	6.1	0	724,535	*	717,1
3400 DAIRY CATTLE	11	2.0	0	326,554	*	326,5
3200 SWINE	23	6.6	0	366,942	*	348,6
3300 SHEEP AND WOOL	4	1.1	0	52,906	*	52,9
3400 OTHER ANIMALS	11	3.3	0	188,293	*	188,2
3600 FARM SUPP & FACILITS	4	3.6	0	283,884	*	283,8
3700 CLOTHING & TEXTILES	4	0.9	0	61,577	*	61,5
3803 FOOD	54	15.5	0	877,659	*	877,6
3900 HOUSING & EQUIP	7	3.1	0	152,719	*	152,7
4000 PEOPLE AS INDIVIDUAL	12	23.5	0	1,731,164	*	1,715,9
4100 FAMILY MEMBERS	36	7.6	0	908,118	*	583,1
4200 FARM AS BUSINESS	7	2.2	0	128,331	*	122,2
4300 SOC POLIT ORGANIZA	21	2.7	0	358,838	*	356,4
4400 AGRIC ECONOMY U S	1	0.1	0	17,111	*	17,1
4600 FARM COOPERATIVES	5	0.9	0	129,156	*	129,1
4800 MARKETING SYSTEMS	2	0.0	0	96,352	*	96,3
6100 WEEDS	7	1.5	0	26,406	*	26,4
6300 BIO CELL SYSTEMS	1	0.3	0	13,264	*	13,2
6500 INVERTEBRATES	1	0.0	0	9,588	*	9,5
6603 MICROORGANISMS, VIRUS	1	0.4	0	14,142	*	14,1
6700 PLANTS	0	2.3	0	132,209	*	129,1
6800 ANIMALS (VERTEBRATES)	2	0.3	0	23,724	*	23,7
TOTAL	536	153.1	0	11,236,580	*	10,136,0

102 SOIL FERT W/NT NUTR	11	2.3	0	176,589	*
105 WEATHER ADAPT & MOD	1	6.8	0	15,354	*
111 BICL CULT PLANT FOOD	1	0.6	0	27,498	*
SUBTOTAL	11	9.6	0	219,441	*
SERIES 200					
201 CONTR FOREST INSECTS	1	0.2	0	23,678	*
204 CONTR PESTS PFT & VE	4	2.6	0	156,080	*
205 CONTR DISE PFT & VE	5	1.1	0	58,104	*
206 CONTR WEEDS PFT & VE	7	1.5	0	60,784	*
207 CONTR PESTIC PLO CROP	4	1.7	0	199,947	*
208 CONTR DIS FIELD CROP	11	1.6	0	236,343	*
209 CONTR WEEDS PLO CROP	2	0.9	0	36,243	*
211 CONTR LIS ANIMALS	11	3.3	0	138,726	*
212 CONTR INTER PARASITE	2	0.2	0	13,150	*
214 FACTORS FROM POLLUT	11	2.1	0	177,952	*
SUBTOTAL	63	19.7	0	1,160,952	*
SERIES 300					
304 IMP BIO EFF PFT & V	23	6.4	0	179,822	*
306 FOOD MGMT SYS P & V	1	0.0	0	7,955	*
307 IMP BIO EFF PLO CROP	36	12.3	0	1,126,206	*
310 ANIMAL REPRODUCTION	12	2.6	0	371,707	*
311 IMP BIO EFF ANML FR	27	9.2	0	639,179	*
312 ENV STRESS IN ANML	3	0.3	0	13,575	*
313 FOOD MGMT SYS ANML	1	1.8	0	200,722	*
315 IMP STRES PARM SUFF	5	3.6	0	283,844	*
316 PARM BUSINESS MGMT	2	1.2	0	64,439	*
318 NON-COM BIO TECH/RI	10	1.9	0	71,975	*
SUBTOTAL	126	36.2	0	3,354,547	*
SERIES 400					
401 NEW IMP FOREST PROD	1	0.0	0	1,503	*
402 FOOD P & V IMP ACCE	4	0.1	0	10,166	*
403 NEW & IMP F&V PROD	2	0.1	0	12,817	*
405 PROD PLO CROP IMP A	8	3.2	0	246,820	*
406 NEW IMP FOOD FID CB	6	1.1	0	131,862	*
407 NEW IMP NON-FOOD FC	1	0.1	0	13,476	*
409 PROD ANML FR IMP AL	6	1.1	0	192,947	*
410 IMP SEAT MILK DUG P	2	0.9	0	62,173	*
412 MGT QUAL ANIMAL PRO	2	0.6	0	38,821	*
SUBTOTAL	35	9.7	0	714,746	*
SERIES 500					
503 MKTG EFF AGRI PRODS	3	0.8	0	104,442	*
506 SUP DEMAND AND PRI	1	0.0	0	10,007	*
505 PERFORMANCE MKTG SY	1	0.1	0	7,000	*
510 GROUP ACC MKT POWER	5	0.9	0	129,159	*
SUBTOTAL	10	1.8	0	251,608	*
SERIES 700					
701 TOX RES IN FOOD	4	1.2	0	11,233	*
702 FOOD PROTI FROM TOX	3	0.9	0	70,632	*
703 FOOD CONSUMP HABITS	41	11.6	0	771,431	*
704 HOME COMM FOOD SERV	4	0.6	0	23,520	*
705 SEL CARE CLOTH & TE	4	0.7	0	64,577	*
706 CONTR INSECTS AFF M	1	0.0	0	2,942	*
707 TRANS ANML HAN DI	1	0.3	0	24,938	*
708 HUMAN NUTRITION	61	23.9	0	1,162,420	*
709 REDUCE HAZ HLTH & S	5	1.9	0	66,601	*
SUBTOTAL	129	40.2	0	2,246,293	*
SERIES 800					
801 RURAL HOUSING	3	1.2	0	90,019	*
802 INDIV & F&M DEC MAK	10	3.5	0	180,960	*
803 RURAL POVERTY	9	1.9	0	171,073	*
804 ECON POTENTIAL RURAL P	22	2.7	0	307,033	*
805 COMMUNICAT RURAL PE	14	2.2	0	273,576	*
806 ADJUSTMENT TO CHANG	14	2.0	0	269,841	*
807 AGRIC ECONOMIC CHAN	6	1.1	0	81,023	*
SUBTOTAL	86	19.5	0	1,370,534	*
SERIES 900					
901 ALLIEN POLLUTION	32	15.6	0	958,561	*
902 OUTDOOR RECREATION	3	0.8	0	42,848	*
904 WILDLIFE AND FISH ECO	15	1.3	0	331,916	*
905 TREES BEAUTIFICATION	1	0.1	0	49,412	*
906 OCEANMENT & TUFF DEV	1	0.3	0	2,054	*
907 RURAL INCOME IMP	14	2.0	0	307,081	*
908 RURAL INSTITUTE IMP	9	1.6	0	159,577	*
SUBTOTAL	75	24.9	0	1,862,445	*
SCIENCE IN SERV OF MAN					
GRAND TOTAL	530	153.1	0	11,236,580	*

CLASSIFICATION CATEGORY		NO OF YEARS	SCIENTIST YEARS	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	ALA TUSKEGEE TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA WITH S&ES SYS 1977	AMOUNT 1977
0100 SOIL AND LAND	1	0.1	0				
0900 CITRUS AND TROP FRUIT	2	0.1	0		134	*	134
1200 FRUIT SUGAR DECIDUOUS	4	0.2	0		9,370	*	9,370
1203 VEGETABLES	12	1.3	0		67,924	*	67,924
2000 MEAT MEAT CATTLE	1	3.2	0		154,593	*	154,593
2000 MEAT CATTLE	6	1.3	0		5,913	*	5,913
1100 DAIRY CATTLE	9	0.4	0		45,766	*	45,766
1200 DAIRY	5	3.5	0		23,362	*	23,362
0900 OTHER ANIMALS	7	2.4	0		11,447	*	11,447
0100 FOOD	3	0.2	0		106,397	*	106,397
9000 PEOPLE AS INDIVIDUAL	5	0.3	0		11,901	*	11,901
9100 FAMILY MEMBERS	6	3.5	0		34,810	*	34,810
9400 FOR FAMIL ORGANIZ	5	0.1	0		79,387	*	79,387
6100 MEET	1	0.3	0		25,565	*	25,565
7200 STAFF	6	1.2	0		74	*	74
7200 STAFF	1	0.2	0		14,271	*	14,271
TOTAL	73	9.6	0		611,311	*	611,311

CLASSIFICATION CATEGORY		NO OF YEARS	SCIENTIST YEARS	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	ALA A&P TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA WITH S&ES SYS 1977	AMOUNT 1977
0400 TIMBER LOGS PRODUCT	1	0.6	0		27,456	*	27,456
1700 WHEAT	1	0.0	0		320	*	320
1900 OTHER SMALL GRAINS	13	5.3	0		572,161	*	572,161
2000 COWAGE CATTLE	1	0.1	0		15,535	*	15,535
2000 DAIRY	1	0.3	0		28,953	*	28,953
1900 MEAT CATTLE	2	0.6	0		62,571	*	62,571
1100 DAIRY CATTLE	1	3.1	0		8,767	*	8,767
0900 OTHER ANIMALS	2	1.0	0		57,663	*	57,663
9000 PEOPLE AS INDIVIDUAL	2	0.2	0		23,421	*	23,421
9100 FOR FAMIL ORGANIZ	2	3.2	0		35,131	*	35,131
6600 FOR FAMIL ORGANIZ, VARIO	1	0.2	0		14,162	*	14,162
TOTAL	27	6.6	0		845,662	*	845,662

CLASSIFICATION CATEGORY		NO OF YEARS	SCIENTIST YEARS	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	PINE BLUFF TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA WITH S&ES SYS 1977	AMOUNT 1977
0100 SOIL AND LAND	2	0.3	0		36,892	*	36,892
0900 CITRUS AND TROP FRUIT	4	0.9	0		112,877	*	112,877
1200 FRUIT SUGAR DECIDUOUS	1	0.4	0		2,524	*	2,524
1203 VEGETABLES	2	0.6	0		21,962	*	21,962
2000 MEAT CATTLE	2	0.8	0		18,599	*	18,599
2000 MEAT CATTLE	9	1.9	0		109,581	*	109,581
2000 DAIRY	2	1.0	0		83,246	*	83,246
0900 OTHER ANIMALS	1	0.1	0		9,727	*	9,727
9000 PEOPLE AS INDIVIDUAL	4	1.3	0		91,443	*	91,443
9100 FAMILY MEMBERS	2	1.1	0		78,012	*	78,012
6600 FOR FAMIL ORGANIZ	2	0.1	0		69,967	*	69,967
TOTAL	31	9.3	0		627,830	*	627,830

CLASSIFICATION CATEGORY		NO OF YEARS	SCIENTIST YEARS	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	COLORADO TOTAL FUNDS (GROSS) 1977	BOULDER USDA COM/ST/CA WITH S&ES SYS 1977	AMOUNT 1977
2100 SOYBEANS	1	0.1	0		217,217	*	217,217
TOTAL	1	0.1	0		217,217	*	217,217

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ALMTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH S AMOUNT 1977
010J SOIL AND LAND	3	1.1	0	47,495	*	47,495
0200 WATER	2	5.9	0	179,267	*	179,267
0400 WILDLIFE AND FISH	3	0.9	0	39,324	*	39,324
2400 PERMITS	2	2.0	0	52,450	*	52,450
3000 BEEF CATTLE	1	0.9	0	25,297	*	25,297
3000 PIGS	3	1.4	0	32,636	*	32,636
4300 PEOPLE AS INDIVIDUAL	5	2.2	0	75,251	*	75,251
TOTAL	25	13.5	0	491,761	*	491,761

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FT. VALLEY COL FORT VALLEY

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ALMTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH S AMOUNT 1977
0100 SOIL AND LAND	1	0.2	0	6,935	*	6,935
1000 FRUIT NUTS DECIDUOUS	2	2.1	0	112,757	*	112,757
1200 VEGETABLES	3	1.2	0	50,516	*	50,516
1400 CASH	1	0.2	0	3,252	*	3,252
2300 SOYBEANS	5	7.1	0	84,862	*	84,862
2500 POULTRY	1	0.3	0	13,844	*	13,844
3000 BEEF CATTLE	2	0.6	0	55,674	*	55,674
3200 SWINE	2	0.5	0	43,616	*	43,616
3300 SHEEP AND WOOL	1	0.2	0	17,443	*	17,443
3400 OTHER ANIMALS	1	0.3	0	17,845	*	17,845
3600 FARM SUPP & FACILITS	3	3.6	0	276,584	*	276,584
3800 FOOD	2	1.3	0	57,884	*	57,884
4000 PEOPLE AS INDIVIDUAL	2	0.4	0	49,367	*	49,367
4100 FAMILY MEMBERS	3	2.0	0	93,672	*	93,672
4200 FARM AS BUSINESS	2	1.4	0	66,439	*	66,439
6100 WILDS	1	0.1	0	12,129	*	12,129
6700 PLANTS	2	0.9	0	36,243	*	36,243
TOTAL	32	16.4	0	1,017,107	*	1,017,107

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - KY STATE COLL FRANKFORT

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ALMTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH S AMOUNT 1977
3800 FOOD	23	4.5	0	327,787	*	327,787
4000 PEOPLE AS INDIVIDUAL	21	4.3	0	300,064	*	300,064
4100 FAMILY MEMBERS	3	1.7	0	51,561	*	51,561
4300 SOC FULIT ORGANIZ	1	0.1	0	52,815	*	52,815
TOTAL	48	10.6	0	732,226	*	732,226

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SOUTHERN UNIV BATON ROUGE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ALMTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH S AMOUNT 1977
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CLASSIFICATION CATEGORY	OP OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/OT/CA SYS 1977	WITH SAE AMOUNT 1977
0100 SOIL AND LAND	1	0.3	0	30,590	*	20,150
0400 WILDLIFE AND FISH	1	0.2	0	46,350	*	27,780
2000 FORAGE CROPS	1	0.4	0	45,800	*	42,230
2400 SOYBEANS	6	0.4	0	233,550	*	170,600
2900 COUNTRY	1	0.2	0	13,900	*	7,800
3200 SWINE	3	0.5	0	47,750	*	25,370
4300 PEOPLE AS INDIVIDUAL	4	0.7	0	40,600	*	31,430
6100 FAMILY MEMBERS	7	0.3	0	152,700	*	127,010
4200 FARM AS BUSINESS	1	0.1	0	11,660	*	5,570
6300 SOC POLIT ORGANIZ	2	0.3	0	4,720	*	2,290
6700 PLANTS	1	0.1	0	22,820	*	19,770
TOTAL	30	3.7	0	626,400	*	492,420

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ALCOY AREA LORRAH

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/OT/CA SYS 1977	WITH SAE AMOUNT 1977
0100 SOIL AND LAND	2	0.6	0	17,761	*	37,76
0200 WATER	1	0.2	0	18,172	*	18,17
0800 WILDLIFE AND FISH	1	0.0	0	4,970	*	4,99
1000 OTHER SMALL GRAINS	1	0.2	0	30,600	*	36,60
1400 PASTURE	1	0.1	0	4,467	*	4,46
2000 FORAGE CROPS	1	0.1	0	4,467	*	4,46
4000 DEER CATTLE	2	0.4	0	29,516	*	28,91
3200 SWINE	2	0.2	0	12,097	*	12,09
3700 CLOTHING & TEXTILES	2	0.1	0	17,114	*	17,11
3800 FOOD	3	0.3	0	26,030	*	26,03
3900 HOUSING & EQUIP	2	0.0	0	43,100	*	43,10
4000 PEOPLE AS INDIVIDUAL	4	1.6	0	76,143	*	76,14
4300 SOC POLIT ORGANIZ	1	0.0	0	24,675	*	24,67
6500 INVERTEBRATE	1	0.0	0	9,900	*	9,90
6800 ANIMALS (VERTEBRATES)	1	0.0	0	9,900	*	9,90
TOTAL	25	5.1	0	364,400	*	364,40

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - LINCOLN UNIV JEFFERSON CITY

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/OT/CA SYS 1977	WITH SAE AMOUNT 1977
2100 SOYBEANS	1	1.0	0	49,130	*	45,13
3000 DEER CATTLE	2	1.0	0	17,659	*	17,65
3100 DAIRY CATTLE	2	0.4	0	22,650	*	22,65
3200 SWINE	1	2.1	0	61,771	*	41,77
3300 SHEEP AND WOOL	3	0.3	0	15,465	*	35,46
3400 OTHER ANIMALS	1	0.0	0	1,230	*	1,23
3600 FOOD	6	3.7	0	68,407	*	68,40
4000 PEOPLE AS INDIVIDUAL	0	6.0	0	204,800	*	204,80
4100 FAMILY MEMBERS	0	1.1	0	61,020	*	61,02
TOTAL	30	17.3	0	502,150	*	502,15

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - AG TECH INC GREENSBORO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/OT/CA SYS 1977	WITH SAE AMOUNT 1977
0100 SOIL AND LAND	5	1.7	0	216,052	*	216,05
	3	0.7	0	44,690	*	44,69

CLASSIFICATION CATEGORY	NO OF PROJ	YEARS 1977	CSRS ADMINSTRD (GROSS) 1977	(GROSS) 1977	SYS 1977
1100 COTTON	1	0.0	0	29,585	*
TOTAL	1	0.0	0	29,585	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - LANGSTON UNIV LANGSTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMINSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GR/ SYS 1977
0100 SOIL AND LAND	4	1.8	0	75,030	*
0200 WATER	4	0.8	0	35,943	*
0300 WATERBORNE FISH & SHELLFISH	3	1.5	0	62,383	*
0500 RECREATION RESOURCES	1	0.2	0	8,116	*
1800 OTHER SMALL GRAINS	1	0.3	0	13,476	*
2100 COTTON	6	5.2	0	221,550	*
2400 PEANUTS	1	1.8	0	79,386	*
4000 PEOPLE AS INDIVIDUAL	1	0.0	0	1,295	*
TOTAL	22	11.6	0	497,169	*

TABLE II-C SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - PENNSYLVANIA KENNETT SQUARE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMINSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GR/ SYS 1977
3000 BEEF CATTLE	1	0.0	0	54,210	*
TOTAL	1	0.0	0	54,210	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SC STATE COLL ORANGEBURG

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMINSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GR/ SYS 1977
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CLASSIFICATION	NO OF YEARS FROM 1977	SCIENTIST YEARS 1977	REG FED APPL/CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA SYS 1977	WITH SALES AMOUNT 1977
LAND AND LAND	1	0.5	0	27,500	*	27,500
BEANS	2	0.5	0	27,650	*	27,650
VEGETABLES THST	2	0.4	0	42,466	*	42,466
VEGET SMALL GAINS	1	0.2	0	8,100	*	8,100
AGE CROPS	2	0.0	0	6,767	*	6,767
VEGET	2	0.5	0	64,465	*	64,465
VEGET CATTLE	2	0.5	0	74,600	*	74,600
VEGET	2	0.0	0	9,574	*	9,574
VEGET ANIMALS	1	0.2	0	13,464	*	13,464
VEGET	1	0.1	0	15,000	*	15,000
VEGET & EQUIP	1	0.1	0	7,000	*	7,000
VEGET AS INDIVIDUAL	10	1.0	0	151,867	*	151,867
VEGET MEMBERS	10	0.6	0	134,826	*	134,826
VEGET AS BUSINESS	3	0.3	0	14,060	*	14,060
VEGET ORGANIZ	1	1.4	0	56,700	*	56,700
VEGET ECONOMY U.S	1	0.1	0	17,131	*	17,131
VEGET SYSTEMS	1	0.1	0	14,000	*	14,000
VEGET CELL SYSTEMS	1	0.0	0	13,264	*	13,264
	45	6.9	0	752,806	*	752,806

-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - PRAIRIE VIEW ACH PRAIRIE VIEW OCI

CLASSIFICATION CATEGORY	NO OF YEARS FROM 1977	SCIENTIST YEARS 1977	REG FED APPL/CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA SYS 1977	WITH SALES AMOUNT 1977
LAND AND LAND	4	0.5	0	81,265	*	81,265
VEGET BEANS CUCURBITACEAE	1	0.1	0	34,471	*	34,471
VEGET BEANS	2	0.5	0	42,609	*	42,609
VEGET BEANS	1	0.0	0	8,436	*	8,436
VEGET SMALL GAINS	1	0.1	0	57,540	*	57,540
VEGET CROPS	2	0.0	0	14,218	*	14,218
VEGET NUTS	1	0.0	0	6,456	*	6,456
VEGET VEGETABLE CROPS	1	0.0	0	6,456	*	6,456
VEGET VEGET	2	0.1	0	31,506	*	31,506
VEGET CATTLE	1	0.0	0	13,347	*	13,347
VEGET	1	0.1	0	57,540	*	57,540
VEGET ANIMALS	1	0.0	0	13,594	*	13,594
VEGET SOY & FACILITIES	2	0.0	0	7,260	*	7,260
VEGET	1	0.3	0	142,546	*	142,546
VEGET & EQUIP	1	0.3	0	21,166	*	21,166
VEGET AS INDIVIDUAL	7	1.2	0	303,973	*	303,973
VEGET MEMBERS	2	0.1	0	3,591	*	3,591
VEGET ORGANIZ	6	0.1	0	42,624	*	42,624
VEGET COOPERATIVES	1	0.1	0	11,012	*	11,012
VEGET NTS	1	0.0	0	291	*	291
	39	3.2	0	926,220	*	926,220

-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - VA STATE COLLEGE PETERSBURG OCI

CLASSIFICATION CATEGORY	NO OF YEARS FROM 1977	SCIENTIST YEARS 1977	REG FED APPL/CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA SYS 1977	WITH SALES AMOUNT 1977
LAND AND LAND	1	0.7	0	29,509	*	29,509
VEGET BEANS	2	0.3	0	248,032	*	248,032
VEGET BEANS	2	1.2	0	51,953	*	51,953
VEGET NUTS	1	0.3	0	25,212	*	25,212
VEGET VEGET	1	1.0	0	59,239	*	59,239
VEGET	3	1.0	0	69,667	*	69,667
VEGET & EQUIP	1	1.5	0	24,847	*	24,847
VEGET AS INDIVIDUAL	1	1.0	0	55,262	*	55,262
VEGET NTS	1	0.7	0	29,509	*	29,509
	16	11.7	0	593,410	*	593,410

TABLE 12-1 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY AGENCY				-NATIONAL TOTAL USDA RESEARCH AGENCIES		
	NO OF FFCJ	SCIPM/TOT YEARS 1977	REG. FSC APPS/ CSRS AVALIABLE (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/ST/CA SYS 1977	WITH S AND 1
AGRICULTURAL RESEARCH SER	2495	3056.0	276,185,111	292,956,442	69.0	4,333,
COOPERATIVE STATE FFS SER	277	0.0	21,573,316	21,573,316	3.0	21,903,
ECOLOGICAL RESEARCH SERVICE	253	458.3	27,416,114	28,054,686	1.2	179,
FARM COOPERATIVE SERVICE	36	21.1	940,935	945,109	0.0	
U S FOREST SERVICE	240	551.5	86,332,440	92,413,100	0.0	
TOTAL	3101	4396.9	412,472,596	436,272,173	70.2	26,416,

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ACSTED (GROSS) 1977
CONNECTICUT	NEW HAVEN	51	39.1	515,976
CONNECTICUT	STORRS	70	33.1	606,702
DIST OF COLUM	WASHINGTON	3	0.6	120,525
DELAWARE	NEWARK	12	22.4	764,927
MASSACHUSETTS	AMHERST	76	37.4	1,349,926
MARYLAND	COLLEGE PA	191	72.6	1,457,782
MAINE	ORONO	127	61.1	1,256,967
NEW HAMPSHIRE	DURHAM	51	27.9	1,026,632
NEW JERSEY	NEW BRUNSW	227	100.5	1,546,171
NEW YORK	ITHACA	617	244.5	2,547,711
NEW YORK	GENEVA	150	69.2	491,021
PENNSYLVANIA	COLLEGE PA	298	117.1	3,501,759
RHODE ISLAND	KINGSTON	70	30.4	711,631
VERMONT	BURLINGTON	46	27.8	925,967
WEST VIRGINIA	MORGANTOWN	55	30.5	1,702,359

-SAES REGION 1 NORTHEAST REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)
TOTAL FUNDS (GROSS) 1977
USDA COM/GT/CA WITH JAS
315 AMOUNT
1977

SUBTOTAL - SAES	2224	563.6	16,405,497	71,242,119	*	1,621,621
DEL STATE COL	DOVER	7	2.1	0	314,357	314,357
MD. STATE COL	PRINCESS A	22	3.7	0	626,442	626,442
NEW YORK	YONKERS	1	7.0	0	29,585	29,585
PENNSYLVANIA	KENNETT SQ	1	0.0	0	59,210	59,210
SUBTOTAL - CCI	31	5.9	0	1,324,614	*	651,924
FORESTRY SCH	SYRACUSE	56	31.7	136,846	1,696,017	115,711
FORESTRY SCH	BURLINGTON	6	3.1	110,300	264,204	264,204
SUBTOTAL - FORESTRY SCH	64	36.8	246,146	1,960,101	*	115,711
TOTAL	2319	1003.2	16,732,423	76,267,254	*	2,591,277

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ACSTED (GROSS) 1977
ALABAMA	AUBURN	217	155.7	2,726,892
ARKANSAS	FAYETTEVILLE	265	97.0	2,138,539
FLORIDA	GAINESVILLE	585	369.4	1,788,177
GEOORGIA	ATHENS	130	107.5	2,052,099
KENTUCKY	LEXINGTON	107	101.1	2,825,781
LOUISIANA	BATON ROUGE	456	239.6	1,951,254
MISSISSIPPI	STATE COLL	259	187.9	2,600,247
NORTH CAROLINA	RALEIGH	522	203.5	3,971,819
OKLAHOMA	STILLWATER	237	99.8	1,840,255
Puerto Rico	RIO PIEDRA	107	133.4	2,511,495
SOUTH CAROLINA	CLEMSON	290	97.6	1,990,088
TENNESSEE	KNOXVILLE	223	101.0	2,875,309
TEXAS	COLLEGE ST	514	272.6	3,352,566
VIRGINIA	BLACKSBURG	249	102.3	2,575,582
VIRGIN ISLANDS	ST. THOMAS	8	6.5	156,430

-SAES REGION 2 SOUTHERN REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)
TOTAL FUNDS (GROSS) 1977
USDA COM/GT/CA WITH JAS
315 AMOUNT
1977

SUBTOTAL - SAES	4438	2311.9	36,761,026	201,679,152	*	4,793,581
ALA TUSKEGEE	TUSKEGEE	56	3.6	0	611,311	611,311
ALA A&M	NORMAL	19	3.6	0	845,662	845,662
ARK A & M	PIKE BLUFF	26	3.1	0	627,830	627,830
FLORIDA A&M	TALLAHASSEE	13	11.5	0	491,761	491,761
FL. VALLEY COL	FORT VALLE	20	16.4	0	1,617,307	1,617,307
KY STATE COLL	FRANKFORT	33	15.6	3	732,232	732,232
SOUTHERN UNIV	BATON ROUG	25	7.4	3	804,896	804,896
ALCOUR A&M	LOUNGEY	17	3.7	0	364,406	364,406
AG TECH NC	GREENSBORO	20	8.4	0	929,267	929,267
LANGSTON UNIV	LANGSTON	10	11.6	3	497,169	497,169
SC STATE COLL	ORANGEBOUR	18	7.6	0	270,619	270,619
TENN A&M IND	NASHVILLE	29	6.9	3	752,836	752,836
PRAIRIE VM A&M	DAIRYVILLE VI	25	3.8	0	926,225	926,225

		NO OF PROJ	SCIENTIST YEARS 1977	REG PRD APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUND (GROSS) 1977	USDA COM/UT/CA SYS 1977	AMOUNT 1977
ALASKA	FAIRBANKS	21	10.3	569,731	1,626,337	*	
ILLINOIS	URBANA	306	163.7	2,969,398	12,049,761	*	174,350
INDIANA	LAFAYETTE	335	176.5	2,711,513	15,964,957	*	447,311
IOWA	AMES	317	116.6	3,053,564	15,769,101	*	847,600
KANSAS	MANHATTAN	565	185.6	1,674,710	11,700,960	*	185,161
KENTUCKY	LASSING	433	166.3	2,716,801	16,225,043	*	1,042,411
MINNESOTA	ST PAUL	309	166.0	2,714,200	16,131,451	*	305,751
MISSOURI	COLUMBIA	150	116.7	2,658,641	11,510,658	*	675,011
NORTH DAKOTA	FARGO	265	115.7	1,347,929	8,732,306	*	277,541
NEBRASKA	LINCOLN	223	144.2	1,841,231	16,666,295	*	1,355,161
OHIO	WOOSTER	335	117.6	3,267,876	15,563,187	*	364,421
SOUTH DAKOTA	BROOKINGS	175	61.8	1,368,605	6,519,777	*	114,021
WISCONSIN	MADISON	497	161.2	2,861,862	17,365,635	*	222,741
SUBTOTAL - SABS		3962	1726.4	30,655,683	173,418,868	*	6,031,751
LINCOLN UNIV	JEFFERSON	20	17.3	0	502,156	*	502,156
SUBTOTAL - OUT		20	17.3	0	502,156	*	502,156
FORESTRY SCH	FAIRBANKS	5	1.0	135,628	115,628	*	
FORESTRY SCH	CAFBOMDALE	30	4.3	73,633	373,064	*	55,620
FORESTRY SCH	ASS AFECT	47	5.3	94,442	317,620	*	16,000
FORESTRY SCH	LEWISTON	33	13.9	58,050	660,453	*	
SUBTOTAL - FSTY SCH		115	24.5	362,253	1,602,965	*	71,620
TOTAL		4097	1766.2	30,417,936	175,603,909	*	6,607,531

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1977	REG PRD APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/UT/CA SYS 1977	AMOUNT 1977
ARIZONA	TUCSON	245	124.5	1,133,344	8,941,958	*	352,680
CALIFORNIA	BERKELEY	1077	548.4	3,075,630	55,407,488	*	1,518,747
COLORADO	PT COLLINS	157	163.4	1,396,328	18,867,321	*	73,466
GUAM	AGANA	9	1.6	474,001	473,001	*	0
HAWAII	KONOLUHU	233	95.1	818,176	6,823,610	*	463,966
IDAHO	MCSCOM	148	76.4	1,163,332	6,494,687	*	296,511
MONTANA	BOZEMAN	170	65.3	1,140,625	7,496,235	*	216,620
NEVADA	RENO	54	34.7	721,677	2,905,739	*	104,325
NEW MEXICO	UNIV PARK	131	80.9	1,009,591	3,647,540	*	65,500
OREGON	CORVALLIS	330	134.4	1,547,138	13,026,212	*	217,961
UTAH	LOGAN	143	61.4	1,379,291	5,067,266	*	192,601
WASHINGTON	PULLMAN	332	127.4	2,342,566	13,543,139	*	300,848
WYOMING	LARAMIE	54	47.1	551,945	2,890,355	*	71,459
SUBTOTAL - SABS		3127	1557.8	16,561,674	145,849,080	*	3,874,777
COLORADO	BOULDER	1	0.1	0	237,237	*	11,250
UTAH	FROYO	1	0.2	0	23,078	*	0
SUBTOTAL - OUT		2	0.3	0	261,095	*	11,250
FORESTRY SCH	FLAGSTAFF	10	3.2	44,165	110,265	*	0
FORESTRY SCH	APCATA	8	0.6	24,700	59,263	*	0
FORESTRY SCH	PT COLLINS	20	3.7	152,103	346,516	*	2,476
FORESTRY SCH	POSCOW	96	25.6	143,397	2,379,256	*	304,156
FORESTRY SCH	MISSOULA	16	4.5	162,533	664,230	*	0
FORESTRY SCH	CORVALLIS	111	42.1	249,124	3,113,178	*	126,922
FORESTRY SCH	SEATTLE	29	45.5	162,496	4,560,878	*	219,122
SUBTOTAL - FSTY SCH		233	125.2	1,026,529	11,217,512	*	654,676
TOTAL		3419	1683.3	17,590,202	157,327,687	*	4,540,707

-SABS REGION 4 WESTERN REGION
(INCLUDES SABS-FORESTRY SCH-OTHER INST)

BY	COMMODITY	OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS													EXCLUSIVE OF IL-480 AND AID FUNDS				
NO OF PCUJ	SYS	STAFF				P2G HOUSE	C SABES	C CM	CA CM	OTHER CM	ST 315	SE 10	SE 10	PUREST SERV	OTHER USDA	TOTAL USCA APPR	OTHER FUND	NON- P2G FUND	TOTAL
		1. H. SUPPORT	TECH	YEARS	OTHER														
223	166.7	4.5	3.7	285.7	13263	1279	3	0	0	0	0	0	0	0	13550	1401	28	16018	
214	152.9	1.6	2.3	293.9	12643	158	0	0	0	0	0	0	0	0	12849	2150	189	15188	
108	169.8	8.4	60.5	225.4	15495	117	29	0	0	0	0	0	0	0	16946	2866	13	16347	
24	19.5	0.1	3.8	18.5	1494	18	0	0	0	0	0	0	0	0	1540	101	0	1641	
18	24.7	6.8	8.5	10.0	2722	236	0	0	0	0	0	0	0	0	1567	146	0	1713	
247	748.7	116.4	455.0	253.2	61063	1154	3	0	0	0	0	0	0	0	66664	3952	80	70736	
86	72.5	5.4	10.7	105.2	6896	325	3	0	0	0	0	0	0	0	7304	292	13	7690	
16	54.6	5.1	26.4	20.9	4157	436	0	0	0	0	0	0	0	0	4963	415	0	5377	
92	89.3	0.0	3.0	216.3	8150	226	7	0	0	0	0	0	0	0	8382	249	96	8727	
178	129.5	0.0	0.0	255.9	11380	424	82	0	0	0	0	0	0	0	11585	236	65	11889	
64	15.6	0.0	0.0	60.0	1752	275	50	0	0	0	0	0	0	0	4116	86	10	4222	
232	124.2	0.0	0.0	237.2	13944	1415	192	0	0	0	0	0	0	0	12912	227	40	12280	
59	77.3	0.0	3.0	140.1	4148	281	0	0	0	0	0	0	0	0	4116	217	49	4684	
295	147.7	0.0	0.0	194.3	5085	333	0	0	0	0	0	0	0	0	9415	182	7	9608	
110	75.2	0.0	3.0	38.6	1977	126	0	0	0	0	0	0	0	0	2104	133	9	2245	
73	28.6	0.0	0.0	36.5	2583	24	29	0	0	0	0	0	0	0	2135	60	11	2205	
180	128.4	3.4	0.0	232.5	9532	414	24	0	0	0	0	0	0	0	9540	160	5	10105	
113	41.8	0.0	0.0	62.5	3036	718	0	0	0	0	0	0	0	0	3954	119	0	4073	
24	10.8	0.0	0.0	16.9	912	121	0	0	0	0	0	0	0	0	1633	28	3	1664	
158	151.7	0.0	0.0	164.1	5056	467	29	0	0	0	0	0	0	0	8552	207	1	8760	
216	266.8	0.0	0.0	583.6	22380	427	55	0	0	0	0	0	0	0	22663	161	75	23099	
38	30.5	0.0	0.0	57.5	2287	1	0	0	0	0	0	0	0	0	2248	0	9	2297	
174	118.9	0.0	0.0	231.2	8955	1814	11	0	0	0	0	0	0	0	10720	151	7	10877	
60	42.2	0.0	0.0	65.0	3018	242	24	0	0	0	0	0	0	0	3304	127	0	3431	
43	20.4	0.0	0.0	38.2	1625	0	0	0	0	0	0	0	0	0	1625	1	0	1627	
62	54.6	0.0	0.0	115.5	4116	738	140	0	0	0	0	0	0	0	5001	191	21	5214	
67	13.3	0.0	0.0	152.7	3025	07	194	0	0	0	0	0	0	0	5288	43	60	5391	
43	39.4	0.0	0.0	70.8	2466	14	105	0	0	0	0	0	0	0	2455	504	0	1162	
156	105.2	0.0	0.0	311.5	10876	368	0	0	0	0	0	0	0	0	11263	298	7	11566	
262	199.6	0.0	0.0	543.6	22424	1326	13	0	0	0	0	0	0	0	23785	343	3	24131	
210	139.5	0.0	0.0	460.4	15907	1290	72	0	0	0	0	0	0	0	17269	297	0	17567	
155	84.5	0.0	0.0	279.3	10706	993	0	0	0	0	0	0	0	0	11699	167	1	12068	
138	18.8	0.0	0.0	156.4	7765	107	93	0	0	0	0	0	0	0	7912	41	1	7954	
46	17.2	0.0	0.0	64.2	2366	56	5	0	0	0	0	0	0	0	2447	13	1	2461	
25	33.9	0.0	0.0	50.4	2446	68	14	0	0	0	0	0	0	0	2568	26	0	2594	
17	29.1	0.0	0.0	17.6	1468	214	0	0	0	0	0	0	0	25	1178	0	0	1778	
4	5.0	0.0	0.0	3.8	224	34	0	0	0	0	0	0	0	0	250	0	0	254	
93	185.4	0.0	0.0	184.4	9616	394	2960	0	0	0	0	0	0	61	13651	3333	22	16107	
56	34.4	2.5	0.7	45.9	2623	0	0	0	0	0	0	0	54	0	2677	1605	6	4282	
103	74.6	0.0	0.0	169.0	6933	2625	131	0	0	0	0	0	0	0	9659	342	17	10016	
27	10.8	0.4	0.5	14.1	1013	1724	0	0	0	0	0	0	0	0	2737	0	0	2737	
4	19.6	0.0	0.0	7.1	1859	117	0	0	0	0	0	0	0	0	2007	0	0	2007	
34	10.3	1.0	2.0	13.1	1631	563	0	0	0	0	0	0	5	0	2219	198	0	2417	
15	35.9	0.0	0.0	35.6	1560	67	8	0	0	0	0	0	0	0	3635	45	15	3695	
24	10.7	0.0	0.0	40.1	3882	0	0	0	0	0	0	0	0	0	3862	3	0	3885	
36	21.1	0.0	0.0	0.0	665	0	56	0	0	0	0	0	0	0	941	0	0	941	
8	3.2	0.0	0.0	2.9	213	0	0	0	0	0	0	0	0	0	213	115	0	326	
11	21.8	0.0	0.0	13.1	1292	210	0	0	0	0	0	0	0	0	1502	0	0	1502	
41	14.9	0.0	0.0	25.6	1161	262	0	0	0	0	0	0	0	0	1423	24	9	1459	
11	5.7	0.0	0.0	17.6	536	0	0	0	0	0	0	0	0	0	536	0	0	536	
14	5.8	0.0	0.0	8.2	429	36	25	0	0	0	0	0	0	0	485	0	0	489	
4	2.9	0.0	0.0	1.4	149	225	0	0	0	0	0	0	0	0	174	0	0	174	
42	117.1	3.0	0.0	286.0	5390	115	0	0	0	0	0	0	0	0	9509	317	0	9846	
38	10.4	0.0	0.0	36.5	1324	66	0	0	0	0	0	0	0	0	1410	59	0	1469	
234	150.0	0.0	0.0	203.4	12559	3079	191	0	0	0	0	0	0	0	15825	685	15	16510	
60	17.6	0.0	0.0	29.0	1631	153	1	0	0	0	0	0	0	0	1786	41	0	1827	
18	7.0	0.0	0.0	15.8	605	61	0	0	0	0	0	0	0	0	672	42	0	714	
1	1.0	0.0	0.0	0.0	52	0	0	0	0	0	0	0	0	0	52	0	0	52	
5005	4466.9	151.8	504.1	7203.9	375286	26415	4533	0	0	0	0	0	0	0	412979	22394	895	436267	

CLASSIFICATION CATEGORY	NO OF PROD	SYS	TECH PROF	STAFF SUPPORT YEARS OTHER	PER IN C C CA HOUSE	C C CA SALES	C C CA CUT	SP 015	VD 013	SC SEB	FG USDA	OTHER USDA	USDA AFFR
SERIES 100													
101 APPRAIS OF SOIL RES	7	0.3	0.0	0.0	0	234	0	0	0	0	0	0	2
102 SOIL PLNT WTR NUTRI	106	80.8	9.4	1.2	176.8	6807	327	0	0	0	10	0	71
103 EIGHT OF SALINE SOIL	19	22.6	0.0	0.0	50.1	1961	140	0	0	0	0	0	216
104 AITERM USE OF LAND	17	23.7	0.0	0.0	6.7	1062	20	0	0	0	0	0	100
105 CONSERV USE OF WATE	64	57.1	0.0	0.0	105.4	4638	14	0	0	0	12	0	367
106 DRAIN AND IRRIG	41	15.6	0.0	0.0	7.4	3146	32	0	0	0	0	0	317
107 WATERSHED FERT & NG	129	194.3	7.4	55.4	285.3	17558	176	24	0	0	642	3	1845
108 SOIL LET FISH CY 4A	5	5.0	0.0	0.0	7.6	385	26	0	0	0	0	0	4
109 WEATHER ADAPT & POD	10	4.0	0.0	0.0	0.0	0	0	0	0	0	0	0	7
110 AERIALS FOREST & FAN	12	57.6	45.9	33.7	19.7	7076	107	0	0	0	284	0	145
111 SIGL CULT HMT FORE	68	183.5	13.2	128.8	46.3	13760	201	0	0	0	672	0	44
112 IMPROV RANGE RESOR	57	42.3	1.0	0.0	76.4	4056	109	0	0	0	37	0	8
113 REMOTE SENSING	6	5.0	0.0	0.0	15.5	611	24	0	0	0	0	0	65
SUBTOTAL	543	712.1	73.7	230.6	873.2	61595	1398	24	0	0	1665	0	0
SERIES 200													
201 CMFL FOREST INSECTS	68	116.4	12.4	76.4	46.1	10178	946	0	0	0	1206	0	123
202 CONTROL FOREST FIS	24	58.7	7.4	40.6	17.0	4863	50	0	0	0	115	0	50
203 FOREST PIPE PROTECT	20	10.1	10.5	11.4	17.6	6026	0	0	0	0	773	0	675
204 CMFL FOREST FST & VE	130	94.1	0.0	0.0	193.3	6667	383	0	0	0	0	0	70
205 CMFL FOREST FST & VE	113	98.9	0.0	0.0	128.9	4945	520	2.1	0	0	0	0	541
206 CMFL FOREST FST & VE	29	8.0	0.0	0.0	17.1	751	364	0	0	0	0	0	11
207 CMFL FOREST FST & VE	205	154.4	0.0	0.0	374.4	14030	637	0	0	0	0	0	146
208 CMFL FOREST FST & VE	219	116.7	0.0	0.0	246.6	10923	650	202	0	0	0	0	118
209 CMFL FOREST FST & VE	49	51.7	0.0	0.0	80.3	4203	367	0	0	0	0	0	45
210 CMFL FOREST FST & VE	25	13.8	0.0	0.0	95.9	1533	43	2.1	0	0	0	0	35
211 CMFL FOREST FST & VE	146	145.1	0.0	0.0	774.9	23561	536	29	0	0	0	0	285
212 CMFL FOREST FST & VE	27	15.5	0.0	0.0	133.6	4495	23	0	0	0	0	0	45
213 CMFL FOREST FST & VE	32	29.4	0.0	0.0	85.6	3904	10	4.1	0	0	0	0	39
214 PROTECT FROM POLLUT	24	16.6	1.4	6.3	16.7	2186	278	0	0	0	145	0	26
SUBTOTAL	1126	995.3	111.3	354.6	2229.1	130275	5247	127	0	0	2239	0	1380
SERIES 300													
301 REVEG BREED FOREST T	12	35.4	1.5	39.6	11.2	1261	0	0	0	0	25	0	32
302 REVEG FOREST ENG SIS	6	14.1	5.5	6.3	6.6	1534	0	0	0	0	130	0	18
303 RECON TIMBER PRODUCT	5	10.9	9.4	0.0	3.9	692	0	0	0	0	29	0	7
304 IMP RTO BPE FST & VE	106	61.3	0.0	0.0	140.5	4837	742	306	0	0	0	0	50
305 RECH PROD FST & VE	18	14.9	0.0	0.0	20.5	1024	0	0	0	0	0	0	18
306 PROD MGMT SYS F & V	3	0.0	0.0	0.0	2.9	68	0	0	0	0	0	0	0
307 IMP BIO PPF FLD CPO	312	178.0	0.0	0.0	356.5	14687	2833	145	0	0	0	0	176
308 RECH PROD FLD CPO	49	18.8	0.0	0.0	80.5	3464	23	0	0	0	0	0	34
309 PROD MGMT SYS FLD C	14	6.7	0.0	0.0	9.4	567	31	0	0	0	0	0	6
310 ANIMAL REPRODUCTION	50	35.9	0.0	0.0	83.1	5276	615	57	0	0	0	0	59
311 IMP BIO PPF ANML PR	59	55.7	0.0	0.0	204.9	9649	1498	0	0	0	0	0	101
312 ENV GRESS IN ANML	18	10.6	0.0	0.0	21.9	1168	0	0	0	0	0	0	11
313 PROD MGMT SYS ANML	16	4.3	0.0	0.0	13.5	692	474	0	0	0	0	0	11
314 REES OTH POLLUTING I	29	33.7	0.0	0.0	58.4	2466	68	14	0	0	0	0	25
315 IMP STRUC FARM SUPP	28	8.2	0.0	0.0	12.7	526	235	0	0	0	0	0	7
316 FARM BUSINESS MGMT	1	0.0	0.0	0.0	0.0	0	77	0	0	0	0	0	0
317 RECH/STRUCTS ANML P	16	3.1	0.0	0.0	11.3	340	0	0	0	0	0	0	3
318 RECH-CON BIO TECH/BI	177	207.4	0.0	0.0	402.2	16831	625	182	0	0	0	0	176
SUBTOTAL	959	715.9	7.4	48.7	1447.7	66122	7224	702	0	0	384	0	744
SERIES 400													
401 NEW IMP FOREST PROD	27	113.5	23.1	61.8	18.3	9810	0	0	0	0	646	0	104
402 PROD P & V IMP ACOR	37	10.3	0.0	0.0	27.1	961	136	0	0	0	0	0	11
403 NEW E IMP PEV PROD	44	77.5	0.0	0.0	108.0	5518	0	0	0	0	0	0	55
404 MKT QUAL FST & VEG	81	56.1	0.0	0.0	80.6	4084	28	0	0	0	0	0	41
405 PROD FLD CROP IMP A	139	75.7	0.0	0.0	139.2	5982	241	80	0	0	0	0	63
406 NEW IMP PROD PLD C	59	110.6	0.0	0.0	169.8	7608	0	0	0	0	0	0	76
407 NEW IMP RECH-FOOD PC	53	96.9	0.0	0.0	172.2	6973	0	0	0	0	0	0	69
408 MKT QUAL FIELD CROP	64	51.5	0.0	0.0	92.9	3835	34	25	0	0	0	0	38
409 PROD ANML FR IMP AC	16	8.9	0.0	0.0	24.1	1477	48	0	0	0	0	0	15
410 IMP MEAT MILK EGG P	28	47.0	0.0	0.0	78.5	1302	0	0	0	0	0	0	37
411 IMP NON-FOOD ANML P	18	40.0	0.0	0.0	57.8	2800	0	0	0	0	0	0	28
412 MKT QUAL ANIMAL PRO	17	10.9	0.0	0.0	20.9	856	116	0	0	0	0	0	9
SUBTOTAL	583	701.0	20.4	81.2	989.4	51207	666	113	0	0	646	0	546
SERIES 500													
501 IMP GRADES & STANDS	27	25.3	0.0	0.0	59.1	2622	41	0	0	0	0	0	26
502 MKTG TIMBER PRODUCT	11	35.6	2.2	8.9	10.8	2102	0	0	0	0	242	0	23
503 MKTG EFF AGRI PRODS	87	62.5	0.0	0.0	59.7	3790	443	0	0	0	0	0	42
506 SPLY DEMAND AND PRI	44	87.2	0.0	0.0	58.8	4932	90	0	0	0	0	25	50
507 COMP REL IN AGRIC	9	12.1	0.0	0.0	3.1	483	30	0	0	0	0	0	5
508 DOMESTIC MKT DEVELP	9	13.7	0.0	0.0	7.6	755	16	0	0	0	0	0	7
509 PERFORMANCE MKTG SY	46	62.9	0.1	0.0	31.8	3606	172	9	0	0	0	0	37
510 GROUP ACT MKT POWER	37	21.1	0.0	0.0	0.0	885	15	56	0	0	0	0	9
511 IMP AGRIC STATISTIC	2	3.9	0.0	0.0	2.0	199	106	0	0	0	0	0	1
512 IMP GRADES PRST PRO	2	10.0	0.5	5.5	3.5	643	0	0	0	0	4	0	6
513 PRICE ANAL PRST PRO	3	8.6	2.0	0.5	2.9	555	0	0	0	0	37	0	5
SUBTOTAL	277	342.8	4.2	14.9	239.3	20571	916	65	0	0	283	25	210
SERIES 600													
601 PGM MKT DEVELP	24	80.7	0.0	0.0	40.1	3882	0	0	0	0	0	0	30
603 TECH AID DEV CRTY	18	15.6	0.0	0.0	2.2	202	275	106	0	0	0	0	5
604 PRD DVLPT/MKTG PRG	17	26.9	0.0	0.0	40.8	1640	0	0	0	0	0	0	18
SUBTOTAL	59	123.2	0.0	0.0	83.1	5724	275	106	0	0	0	0	53

NO OF PROJ	SYS	STAFF			FED IN HOUSE	C SAGE	G CA	OTHER CH CT	SP 015	PD 019	PL SERV	ECST USIA	OTHER	TOTAL USDA APPR	OTHER FUND	NON- FED	TOTAL
		1.3. SUPPORT FPOI	TECH	OTHER													
13	14.7	1.0	6.0	12.1	1099	0	0	0	0	0	16	0	1115	253	0	0	1360
12	4.6	0.0	0.0	9.7	345	689	0	0	0	0	0	0	1038	0	0	0	1038
5	0.0	0.0	0.0	0.0	0	374	0	0	0	0	0	0	374	0	0	0	374
11	5.6	0.8	0.5	0.5	345	347	0	0	0	0	0	0	693	0	0	0	693
6	0.0	0.0	0.0	0.0	0	750	0	0	0	0	0	0	750	0	0	0	750
13	15.1	0.0	0.0	0.7	1284	232	0	0	0	0	0	0	1516	0	0	0	1516
22	44.9	0.0	0.0	37.6	4991	100	8	0	0	0	0	0	5659	11	15	5125	5125
16	26.1	0.0	0.0	13.9	1375	14	0	0	0	0	0	0	1389	45	0	0	1434
100	111.4	1.8	6.5	52.4	9444	2506	5	0	0	0	16	0	11974	309	15	12296	12296
157	167.1	1.0	7.3	297.2	16813	788	0	0	0	0	137	0	15738	1073	62	16693	16693
12	16.2	3.9	3.2	8.1	1312	236	0	0	0	0	267	0	1814	79	0	1892	1892
5	18.5	1.0	4.2	5.6	860	0	0	0	0	0	621	0	1486	143	0	1631	1631
41	47.0	3.7	27.5	17.0	1970	311	0	0	0	0	371	0	4652	392	0	5044	5044
18	13.5	0.2	2.9	50.0	1796	181	0	0	0	0	0	0	1977	311	0	2095	2095
55	36.6	0.0	9.0	139.5	4008	141	0	0	0	0	0	0	4229	217	19	4494	4494
13	10.7	0.2	2.0	7.0	698	173	0	0	0	0	5	0	877	0	0	877	877
24	18.6	0.8	0.0	6.1	513	259	0	0	0	0	0	0	1192	196	0	1390	1390
1	1.0	0.0	0.0	0.0	52	0	0	0	0	0	0	0	52	0	0	52	52
330	369.5	13.9	47.1	531.1	28527	2889	0	0	0	0	1401	0	32017	2190	211	34368	34368
4341	4496.9	153.8	596.1	7203.7	375288	26415	4533	0	0	0	6637	166	412979	22374	895	436266	436266

INVENTORY OF AGRICULTURAL RESEARCH
AGRICULTURAL RESEARCH SERVICE

TABLE III-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE

CLASSIFICATION CATEGORY	NO OF FUND	STAFF		FED IN C & G C A SALES	OTHER CH GR	SU PD 015	SE PD 010	FORST SERV	OTHER USDA	TOTAL NPD AFR
		BY	PROF							
0100 SOIL AND LAND	167	123.0	*	*	223.2	11177	126	0	0	113
0200 WATER	176	133.2	*	*	257.8	11156	96	0	0	112
0300 WATERFRESHETS NIVER BAS	67	72.5	*	*	205.9	7251	44	24	0	73
0400 AIR AND CLIMATE	17	8.7	*	*	15.4	731	18	0	0	7
0500 TIMBER FOREST PRODUCT	21	16.6	*	*	57.5	1902	11	0	0	19
0700 RANGE	64	49.8	*	*	102.3	4630	59	0	0	46
0800 WILDLIFE AND FISH	6	2.1	*	*	6.9	225	0	0	0	0
0900 CITRUS SUB TACE FRUIT	75	84.1	*	*	213.4	7681	126	7	0	60
1000 FRUIT NUTS DECIDUOUS	160	114.2	*	*	253.7	10794	101	62	0	109
1100 POTATOES	51	53.5	*	*	79.0	3641	135	50	0	10
1200 VEGETABLES	198	126.0	*	*	213.3	5976	317	192	0	104
1300 ORNAMENTALS TURF	54	37.3	*	*	160.1	4136	65	0	0	42
1400 CEREALS	166	120.1	*	*	150.3	6701	109	0	0	80
1500 GRAIN SORGHUM	95	27.0	*	*	37.1	1816	0	0	0	1
1600 RICE	65	25.4	*	*	35.4	1921	23	24	0	19
1700 WHEAT	197	124.5	*	*	199.2	5154	92	24	0	92
1800 OTHER SMALL GRAINS	107	39.7	*	*	61.9	2927	10	0	0	29
1900 PASTURE	23	10.9	*	*	16.9	912	1	0	0	9
2000 FORAGE CROPS	110	59.6	*	*	163.1	7945	207	29	0	81
2100 COTTON	124	250.6	*	*	575.0	21427	67	56	0	215
2200 COTTONSEED	36	28.6	*	*	55.8	2165	0	0	0	21
2300 SOYBEANS	140	114.3	*	*	198.5	6443	203	31	0	86
2400 PEANUTS	69	44.0	*	*	64.4	2971	23	24	0	30
2500 OTHER OILSEED CROPS	32	20.1	*	*	18.0	1656	0	0	0	16
2600 TOBACCO	62	58.6	*	*	115.5	4116	738	146	0	50
2700 SUGAR CROPS	66	53.3	*	*	152.7	5025	49	156	0	52
2800 MISC NEW CROPS	41	19.4	*	*	70.8	2466	24	105	0	25
2900 POULTRY	132	57.3	*	*	334.2	10448	183	0	0	136
3000 BEEF CATTLE	229	186.5	*	*	536.3	21741	219	33	0	219
3100 DAIRY CATTLE	186	125.7	*	*	450.6	15152	241	72	0	154
3200 SWINE	127	75.5	*	*	274.5	13266	137	0	0	156
3300 SHEEP AND WOOL	99	57.1	*	*	155.2	7661	16	40	0	77
3400 OTHER ANIMALS	42	17.7	*	*	68.2	2366	7	5	0	23
3500 BEES AND HONEY	29	31.9	*	*	58.4	2466	68	14	0	25
3600 FARM SUPP & FACILITIES	5	3.9	*	*	5.7	291	0	0	0	0
3700 CLOTHING & TEXTILES	4	5.0	*	*	3.8	224	34	0	0	0
3800 FOOD	62	133.4	*	*	160.0	6824	11	2962	0	96
3900 HOUSING & EQUIP	47	22.5	*	*	42.5	1537	0	0	0	15
4000 PEOPLE AS INDIVIDUAL	66	59.3	*	*	160.3	5650	146	101	0	56
4100 FAMILY MEMBERS	5	5.3	*	*	12.7	438	0	0	0	4
4700 OTH MARKET INGRESS	7	2.0	*	*	1.5	102	0	0	0	1
4800 MARKETING SYSTEMS	2	0.3	*	*	9.3	47	0	0	0	9
6100 WEEDS	29	14.3	*	*	25.6	1161	31	0	0	11
6200 SEED RESEARCH	11	5.7	*	*	17.3	536	0	0	0	5
6300 BIO CELL SYSTEMS	14	5.8	*	*	6.2	429	36	25	0	4
6500 INVERTEBRATES	60	117.1	*	*	206.8	9390	45	0	0	94
6600 MICROORGANISMS, VIRUS	36	14.4	*	*	36.5	1324	39	0	0	11
6700 PLANTS	139	154.9	*	*	279.0	12403	236	191	0	128
6800 ANIMALS (VERTEBRATES)	25	15.1	*	*	29.3	1540	10	1	0	15
7000 RSCH EQUIP & TECHNOL	11	6.0	*	*	15.3	559	39	0	0	5
TOTAL	1753	1066.0	*	*	6701.3	267661	4331	4171	0	2763

CLASSIFICATION CATEGORY	NO OF PROD	STAFF					REG IN HOUSE	C G SAES	CA CH GT	ST FID	SP GNO	PR SPRY	FOST RSGA	OTHER
		1.4.1 SYS	1.4.2 PROF	1.4.3 TECH	1.4.4 OTHER	1.4.5 HOUSE								
0100 SOIL AND LAND	24	0.0	0.0	0.0	0.0	0	1153	0	0	0	0	0	0	0
0200 WATER	3	0.0	0.0	0.0	0.0	0	52	0	0	0	0	0	0	0
0300 WATERBODIES RIVER BAS	2	0.0	0.0	0.0	0.0	0	71	0	0	0	0	0	0	0
0500 RECREATION RESOURCES	1	0.0	0.0	0.0	0.0	0	236	0	0	0	0	0	0	0
0600 TIMBER FOREST PRODUCT	31	0.0	0.0	0.0	0.0	0	1193	0	0	0	0	0	0	0
0700 RANGE	6	0.0	0.0	0.0	0.0	0	266	0	0	0	0	0	0	0
0800 WILDLIFE AND FISH	5	0.0	0.0	0.0	0.0	0	431	0	0	0	0	0	0	0
0900 CITIES SUB TROP FRUIT	2	0.0	0.0	0.0	0.0	0	100	0	0	0	0	0	0	0
1000 FRUIT NUTS DECIDUOUS	5	0.0	0.0	0.0	0.0	0	323	0	0	0	0	0	0	0
1100 POTATOES	3	0.0	0.0	0.0	0.0	0	139	0	0	0	0	0	0	0
1200 VEGETABLES	22	0.0	0.0	0.0	0.0	0	1050	0	0	0	0	0	0	0
1300 ORNAMENTALS TURF	4	0.0	0.0	0.0	0.0	0	236	0	0	0	0	0	0	0
1400 CORN	7	0.0	0.0	0.0	0.0	0	217	0	0	0	0	0	0	0
1500 GRAIN SORGHUM	1	0.0	0.0	0.0	0.0	0	123	0	0	0	0	0	0	0
1600 RICE	1	0.0	0.0	0.0	0.0	0	5	0	0	0	0	0	0	0
1700 WHEAT	6	0.0	0.0	0.0	0.0	0	316	0	0	0	0	0	0	0
1800 OTHER SMALL GRAINS	5	0.0	0.0	0.0	0.0	0	908	0	0	0	0	0	0	0
1900 PASTURE	1	0.0	0.0	0.0	0.0	0	120	0	0	0	0	0	0	0
2000 FORAGE CROPS	6	0.0	0.0	0.0	0.0	0	259	0	0	0	0	0	0	0
2100 COTTON	6	0.0	0.0	0.0	0.0	0	360	0	0	0	0	0	0	0
2200 COTTONSEED	1	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	0	0
2300 SOYBEANS	17	0.0	0.0	0.0	0.0	0	1632	0	0	0	0	0	0	0
2400 PEANUTS	6	0.0	0.0	0.0	0.0	0	219	0	0	0	0	0	0	0
2500 SUGAR CROPS	1	0.0	0.0	0.0	0.0	0	10	0	0	0	0	0	0	0
2600 MISC NEW CROPS	2	0.0	0.0	0.0	0.0	0	80	0	0	0	0	0	0	0
2900 POULTRY	3	0.0	0.0	0.0	0.0	0	166	0	0	0	0	0	0	0
3000 BEEF CATTLE	12	0.0	0.0	0.0	0.0	0	1091	0	0	0	0	0	0	0
3100 DAIRY CATTLE	7	0.0	0.0	0.0	0.0	0	1042	0	0	0	0	0	0	0
3200 SWINE	5	0.0	0.0	0.0	0.0	0	639	0	0	0	0	0	0	0
3300 SHEEP AND WOOL	2	0.0	0.0	0.0	0.0	0	65	0	0	0	0	0	0	0
3400 OTHER ANIMALS	4	0.0	0.0	0.0	0.0	0	59	0	0	0	0	0	0	0
3600 FARM SUPP & FACILITIES	2	0.0	0.0	0.0	0.0	0	254	0	0	0	0	0	0	0
3800 FISH	13	0.0	0.0	0.0	0.0	0	181	0	0	0	0	0	0	0
4000 PEOPLE AS INDIVIDUAL	27	0.0	0.0	0.0	0.0	0	2478	0	0	0	0	0	0	0
4100 FAMILY MEMBERS	17	0.0	0.0	0.0	0.0	0	1724	0	0	0	0	0	0	0
4200 FARM AS BUSINESS	2	0.0	0.0	0.0	0.0	0	92	0	0	0	0	0	0	0
4300 SOC POLIT ORGANIZ	10	0.0	0.0	0.0	0.0	0	563	0	0	0	0	0	0	0
4400 AGRIC ECONOMY H S	1	0.0	0.0	0.0	0.0	0	60	0	0	0	0	0	0	0
4800 MARKETING SYSTEMS	4	0.0	0.0	0.0	0.0	0	210	0	0	0	0	0	0	0
6100 WEEDS	2	0.0	0.0	0.0	0.0	0	232	0	0	0	0	0	0	0
6400 EXP DESIGN/STAT METH	3	0.0	0.0	0.0	0.0	0	225	0	0	0	0	0	0	0
6500 INVERTEBRATES	2	0.0	0.0	0.0	0.0	0	75	0	0	0	0	0	0	0
6600 MICROORGANISMS, VIRUS	2	0.0	0.0	0.0	0.0	0	47	0	0	0	0	0	0	0
6700 PLANTS	59	0.0	0.0	0.0	0.0	0	2638	0	0	0	0	0	0	0
6800 ANIMALS (VERTEBRATES)	10	0.0	0.0	0.0	0.0	0	139	0	0	0	0	0	0	0
7000 RECH EQUIP & TECHNOL	2	0.0	0.0	0.0	0.0	0	31	0	0	0	0	0	0	0
TOTAL	385	0.0	0.0	0.0	0.0	0	21903	0	0	0	0	0	0	0

PROGRAM BY	CF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS														EXCLUSIVE OF FL-480 AND AID FUNDS			
	NO OF PROJ	STAFF				REG IN HOUSE	C G CA	OTHER	SP	PD	SP	PD	FORST	OTHER	USDA APPR	OTHER FUND	NON-FED FUND	TOTAL
		SYS	PROG	TECH	OTHER													
L RES	7	0.0	0.0	0.0	0.0	0	234	0	0	0	0	0	0	0	234	0	0	234
NUTRI	10	0.0	0.0	0.0	0.0	0	234	0	0	0	0	0	0	0	234	0	0	234
SOIL	4	0.0	0.0	0.0	0.0	0	161	0	0	0	0	0	0	0	161	0	0	161
LAND	1	0.0	0.0	0.0	0.0	0	20	0	0	0	0	0	0	0	20	0	0	20
WATER	1	0.0	0.0	0.0	0.0	0	9	0	0	0	0	0	0	0	9	0	0	9
C NG	3	0.0	0.0	0.0	0.0	0	134	0	0	0	0	0	0	0	134	0	0	134
K MOD	1	0.0	0.0	0.0	0.0	0	28	0	0	0	0	0	0	0	28	0	0	28
FOGS	5	0.0	0.0	0.0	0.0	0	107	0	0	0	0	0	0	0	107	0	0	107
ESCE	6	0.0	0.0	0.0	0.0	0	244	0	0	0	0	0	0	0	244	0	0	244
	1	0.0	0.0	0.0	0.0	0	22	0	0	0	0	0	0	0	22	0	0	22
	39	0.0	0.0	0.0	0.0	0	1131	0	0	0	0	0	0	0	1131	0	0	1131
SELTS	25	0.0	0.0	0.0	0.0	0	946	0	0	0	0	0	0	0	946	0	0	946
DIS	1	0.0	0.0	0.0	0.0	0	50	0	0	0	0	0	0	0	50	0	0	50
G VE	7	0.0	0.0	0.0	0.0	0	203	0	0	0	0	0	0	0	203	0	0	203
C VEG	6	0.0	0.0	0.0	0.0	0	245	0	0	0	0	0	0	0	245	0	0	245
E VE	8	0.0	0.0	0.0	0.0	0	341	0	0	0	0	0	0	0	341	0	0	341
CROP	9	0.0	0.0	0.0	0.0	0	378	0	0	0	0	0	0	0	378	0	0	378
CHOP	10	0.0	0.0	0.0	0.0	0	513	0	0	0	0	0	0	0	513	0	0	513
CHOP	7	0.0	0.0	0.0	0.0	0	162	0	0	0	0	0	0	0	162	0	0	162
INALS	1	0.0	0.0	0.0	0.0	0	3	0	0	0	0	0	0	0	3	0	0	3
ALS	5	0.0	0.0	0.0	0.0	0	301	0	0	0	0	0	0	0	301	0	0	301
CELLUT	10	0.0	0.0	0.0	0.0	0	278	0	0	0	0	0	0	0	278	0	0	278
	91	0.0	0.0	0.0	0.0	0	3420	0	0	0	0	0	0	0	3420	0	0	3420
T & V	17	0.0	0.0	0.0	0.0	0	699	0	0	0	0	0	0	0	699	0	0	699
D CRP	29	0.0	0.0	0.0	0.0	0	2703	0	0	0	0	0	0	0	2703	0	0	2703
D CRD	1	0.0	0.0	0.0	0.0	0	23	0	0	0	0	0	0	0	23	0	0	23
FUD C	7	0.0	0.0	0.0	0.0	0	31	0	0	0	0	0	0	0	31	0	0	31
CTION	8	0.0	0.0	0.0	0.0	0	458	0	0	0	0	0	0	0	458	0	0	458
ML PP	7	0.0	0.0	0.0	0.0	0	1426	0	0	0	0	0	0	0	1426	0	0	1426
ANMI	6	0.0	0.0	0.0	0.0	0	470	0	0	0	0	0	0	0	470	0	0	470
SUPP	1	0.0	0.0	0.0	0.0	0	238	0	0	0	0	0	0	0	238	0	0	238
MOHT	1	0.0	0.0	0.0	0.0	0	77	0	0	0	0	0	0	0	77	0	0	77
CH/BI	6	0.0	0.0	0.0	0.0	0	416	0	0	0	0	0	0	0	416	0	0	416
	80	0.0	0.0	0.0	0.0	0	6540	0	0	0	0	0	0	0	6540	0	0	6540
ACCE	2	0.0	0.0	0.0	0.0	0	156	0	0	0	0	0	0	0	156	0	0	156
IMP A	3	0.0	0.0	0.0	0.0	0	113	0	0	0	0	0	0	0	113	0	0	113
MP AC	1	0.0	0.0	0.0	0.0	0	46	0	0	0	0	0	0	0	46	0	0	46
L PRO	1	0.0	0.0	0.0	0.0	0	66	0	0	0	0	0	0	0	66	0	0	66
	7	0.0	0.0	0.0	0.0	0	946	0	0	0	0	0	0	0	946	0	0	946
STANDS	1	0.0	0.0	0.0	0.0	0	24	0	0	0	0	0	0	0	24	0	0	24
PRODS	6	0.0	0.0	0.0	0.0	0	369	0	0	0	0	0	0	0	369	0	0	369
EPIC	1	0.0	0.0	0.0	0.0	0	30	0	0	0	0	0	0	0	30	0	0	30
DEVELP	1	0.0	0.0	0.0	0.0	0	19	0	0	0	0	0	0	0	19	0	0	19
IG SY	3	0.0	0.0	0.0	0.0	0	172	0	0	0	0	0	0	0	172	0	0	172
POWER	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	0	15	0	0	15
ISTIC	1	0.0	0.0	0.0	0.0	0	106	0	0	0	0	0	0	0	106	0	0	106
	14	0.0	0.0	0.0	0.0	0	755	0	0	0	0	0	0	0	755	0	0	755
RTY	2	0.0	0.0	0.0	0.0	0	47	0	0	0	0	0	0	0	47	0	0	47
	2	0.0	0.0	0.0	0.0	0	47	0	0	0	0	0	0	0	47	0	0	47
ND	54	0.0	0.0	0.0	0.0	0	2652	0	0	0	0	0	0	0	2652	0	0	2652
TOX	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	0	2	0	0	2
AVITS	12	0.0	0.0	0.0	0.0	0	693	0	0	0	0	0	0	0	693	0	0	693
AN DI	1	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	0	0	1	0	0	1
ON	19	0.0	0.0	0.0	0.0	0	1576	0	0	0	0	0	0	0	1576	0	0	1576
CH & S	2	0.0	0.0	0.0	0.0	0	259	0	0	0	0	0	0	0	259	0	0	259
	89	0.0	0.0	0.0	0.0	0	5162	0	0	0	0	0	0	0	5162	0	0	5162
CC MAK	8	0.0	0.0	0.0	0.0	0	689	0	0	0	0	0	0	0	689	0	0	689
	5	0.0	0.0	0.0	0.0	0	374	0	0	0	0	0	0	0	374	0	0	374
EL PE	7	0.0	0.0	0.0	0.0	0	347	0	0	0	0	0	0	0	347	0	0	347
IAL PE	6	0.0	0.0	0.0	0.0	0	750	0	0	0	0	0	0	0	750	0	0	750
CHANG	6	0.0	0.0	0.0	0.0	0	232	0	0	0	0	0	0	0	232	0	0	232
CHAN	2	0.0	0.0	0.0	0.0	0	75	0	0	0	0	0	0	0	75	0	0	75
	36	0.0	0.0	0.0	0.0	0	2467	0	0	0	0	0	0	0	2467	0	0	2467
ON	13	0.0	0.0	0.0	0.0	0	689	0	0	0	0	0	0	0	689	0	0	689
ATION	1	0.0	0.0	0.0	0.0	0	236	0	0	0	0	0	0	0	236	0	0	236
GU ECO	7	0.0	0.0	0.0	0.0	0	311	0	0	0	0	0	0	0	311	0	0	311
ICATION	2	0.0	0.0	0.0	0.0	0	170	0	0	0	0	0	0	0	170	0	0	170
RE DEV	3	0.0	0.0	0.0	0.0	0	76	0	0	0	0	0	0	0	76	0	0	76

ECONOMIC RESEARCH SERVICE

TABLE III-D-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCL

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.R. SUPPORT YEARS				REG IN HOUSE	C G CA SAES	OTHER CA GT	SP FC 015	SP FC 010	FORST SERV	OTHER USCA
		SYS	PROF	TECH	OTHER							
9100 SOIL AND LAND	27	22.9	0.0	0.0	7.9	1104	3	3	0	0	0	0
9200 WATER	26	2.2	0.0	0.0	4.8	524	0	3	0	0	0	0
9300 WATERSHEDS RIVER BAS	6	2.1	0.0	0.0	1.4	173	0	3	0	0	0	0
9400 AIR AND CLIMATE	4	1.7	0.0	0.0	1.8	290	0	0	0	0	0	0
9500 CEREAL SUB TRO. FRUIT	12	5.0	0.0	0.0	2.7	266	0	3	0	0	0	0
1000 FRUIT SUBS DECIDUOUS	12	5.0	0.0	0.0	2.9	285	0	3	0	0	0	0
1100 FORAGE	10	2.1	0.0	0.0	1.0	110	0	0	0	0	0	0
1200 VEGETABLES	12	8.2	0.0	0.0	3.9	428	0	0	0	0	0	0
1300 ORNAMENTALS TURF	1	0.0	0.0	0.0	0.0	2	0	0	0	0	0	0
1400 CORN	32	7.5	0.0	0.0	4.0	394	7	0	0	0	0	0
1500 GRAIN SORGHUM	29	3.2	0.0	0.0	1.5	162	3	0	0	0	0	0
1600 RICE	24	3.2	0.0	0.0	1.5	162	0	0	0	0	0	0
1700 WHEAT	27	6.9	0.0	0.0	3.5	339	5	0	0	0	0	0
1900 OTHER SMALL GRAINS	23	2.2	0.0	0.0	1.0	105	0	0	0	0	0	0
2000 FORAGE CROPS	22	2.1	0.0	0.0	1.0	107	0	0	0	0	0	0
2100 COTTON	16	16.2	0.0	0.0	6.6	953	0	0	0	0	0	0
2200 COTTONSEED	1	2.0	0.0	0.0	1.8	122	0	0	0	0	0	0
2300 SOYBEANS	17	7.6	0.0	0.0	4.7	412	30	0	0	0	0	0
2400 PEANUTS	5	1.2	0.0	0.0	0.6	66	0	0	0	0	0	0
2500 OTHER OILSEED CROPS	1	0.3	0.0	0.0	0.1	17	0	0	0	0	0	0
2600 POULTRY	21	7.9	0.0	0.0	7.6	436	39	0	0	0	0	0
3000 BEEF CATTLE	21	13.1	0.0	0.0	7.3	683	18	0	0	0	0	0
3100 DAIRY CATTLE	17	13.8	0.0	0.0	9.0	756	7	0	0	0	0	0
3200 SWINE	19	8.9	0.0	0.0	4.8	400	16	0	0	0	0	0
3300 SHEEP AND WOOL	7	1.7	0.0	0.0	1.2	84	5	0	0	0	0	0
3600 FARM SUPP & FACILITIES	10	25.2	0.0	0.0	11.3	1197	6	0	0	0	0	25
3800 FOOD	13	52.0	0.0	0.0	24.9	2792	0	98	0	0	0	61
3900 HOUSING & EQUIP	6	3.2	0.0	0.0	0.3	177	0	0	0	0	0	0
4000 PEOPLE AS INDIVIDUAL	7	15.3	0.0	0.0	8.7	1284	0	0	0	0	0	0
4100 FAMILY MEMBERS	5	9.5	0.0	0.0	3.5	575	0	0	0	0	0	0
4200 FARM AS BUSINESS	6	19.6	0.0	0.0	7.1	1690	25	0	0	0	0	0
4300 SOC POLIT ORGANIZ	23	26.3	0.0	0.0	11.1	1390	0	0	0	0	0	0
4400 AGRIC ECONOMY U.S.	14	35.9	0.0	0.0	35.6	3560	7	0	0	0	0	0
4500 AGRIC ECONOMY FOREIGN	24	30.7	0.0	0.0	40.1	3882	0	0	0	0	0	0
4700 CTR MARKET PROGRESS	1	1.2	0.0	0.0	1.6	111	0	0	0	0	0	0
4800 MARKETING SYSTEMS	5	20.9	0.0	0.0	12.8	1245	0	0	0	0	0	0
6000 EXP DESIGN/STAT METH	1	2.9	0.0	0.0	1.5	149	0	0	0	0	0	0
6700 PLANTS	6	4.1	0.0	0.0	1.3	156	5	0	0	0	0	0
6800 ANIMALS (VERTEBRATES)	5	2.4	0.0	0.0	0.6	92	5	0	0	0	0	0
7000 ASCE EQUIP & TECHNOL	1	1.0	0.0	0.0	0.5	50	0	0	0	0	0	0
9900 UNCLASSIFIED	1	1.0	0.0	0.0	0.0	52	0	0	0	0	0	0
TOTAL		519	450.3	1.7	0.5	244.7	27027	179	106	0	0	106

ECONOMIC RESEARCH SERVICE

TABLE III-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCL

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C G CA SAES	OTHER CA GT	SP FC 015	SP FC 010	FORST SERV	OTHER USCA
		SYS	PROF	TECH	OTHER							
SERIES 100												
103 MGMT OF SALINE SOIL	1	0.1	0.0	0.0	0.0	11	0	0	0	0	0	0
104 ALTERN USE OF LAND	16	23.7	0.0	0.0	8.7	1062	0	0	0	0	0	0
106 ECON LEG PROB OF WA	4	4.5	0.0	0.0	3.3	332	0	0	0	0	0	0
SUBTOTAL	21	28.3	0.0	0.0	12.0	1405	0	0	0	0	0	0
SERIES 300												
309 PROD MGMT SYS FLD C	2	3.2	0.0	0.0	2.5	216	0	0	0	0	0	0
312 ENV STRESS IN ANGL	1	1.2	0.0	0.0	1.4	84	0	0	0	0	0	0
313 PROD MGMT SYS ANGL	1	1.2	0.0	0.0	0.0	51	0	0	0	0	0	0
SUBTOTAL	4	5.6	0.0	0.0	4.3	351	0	0	0	0	0	0
SERIES 500												
501 IMP GRADES & STANDS	2	1.2	0.0	0.0	0.2	55	0	0	0	0	0	0
503 MKTG EFF AGRI PRODS	16	11.3	0.0	0.0	4.1	543	51	0	0	0	0	0
506 SUPPLY DEMAND AND PRI	43	87.0	0.0	0.0	58.8	4923	90	0	0	0	0	25
507 COMF REL IN AGRIC	8	12.1	0.0	0.0	3.1	483	0	0	0	0	0	0
508 DOMESTIC MKT DEVELP	9	13.7	0.0	0.0	7.6	755	0	0	0	0	0	0
509 PERFORMANCE MKTG SV	32	57.8	0.1	0.0	27.5	3317	0	0	0	0	0	0
511 IMP AGRIC STATISTIC	1	1.9	0.0	0.0	2.0	199	0	0	0	0	0	0
SUBTOTAL	110	187.0	0.1	0.0	103.2	10274	140	0	0	0	0	25
SERIES 600												
601 FGM MKT DEVELP	24	83.7	0.0	0.0	40.1	3882	0	0	0	0	0	0
SUBTOTAL	24	83.7	0.0	0.0	40.1	3882	0	0	0	0	0	0
SERIES 700												
701 FOOD CONSUMING HABITS	3	12.5	0.0	0.0	5.5	501	0	0	0	0	0	0

FARM COOPERATIVE SERVICE

NO OF FCS	COMMODITY	OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS											EXCLUSIVE OF PL-480 AND AID FUNDS		
		STAFF	INSTRUMENT	YEARS	REG IN	C G CA	OTHER	SP PD	SP PD	FOREST	OTHER	TOTAL	OTHER	NON-	TOTAL
		SYN	PROP	TECH	HOUSE	SARS	CH GT	015	010	SERV	USDA	AFPS	FUND	FUND	
36	21.1	0.0	0.0	0.0	005	0	56	0	0	0	0	541	0	0	941
36	21.1	0.0	0.0	0.0	005	0	56	0	0	0	0	541	0	0	941

FARM COOPERATIVE SERVICE

NO OF FCS	COMMODITY	OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS											EXCLUSIVE OF PL-480 AND AID FUNDS		
		STAFF	INSTRUMENT	YEARS	REG IN	C G CA	OTHER	SP PD	SP PD	FOREST	OTHER	TOTAL	OTHER	NON-	TOTAL
		SYN	PROP	TECH	HOUSE	SARS	CH GT	015	010	SERV	USDA	AFPS	FUND	FUND	
36	21.1	0.0	0.0	0.0	005	0	56	0	0	0	0	541	0	0	941
36	21.1	0.0	0.0	0.0	005	0	56	0	0	0	0	541	0	0	941
36	21.1	0.0	0.0	0.0	005	0	56	0	0	0	0	541	0	0	941

U S FOREST SERVICE

TABLE III-9-7 SUMMARY BY COMMODITY		OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS											EXCLUS
CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C G CA SABS	OTHER CN GT	SP Q15	PD Q10	FO SERV	FORST USFA	OTHER
		SYS	FSST	TECH	OTHER								
0100 SOIL AND LAND	5	10.2	4.4	3.7	1.6	982	0	0	0	0	48	0	0
0200 WATER	5	11.5	1.9	2.3	1.1	962	0	0	0	0	50	0	0
0300 WATERSHEDS RIVER BAS	33	94.2	5.4	60.5	22.1	8071	0	0	0	0	910	0	0
0400 AIR AND CLIMATE	3	5.3	3.1	3.4	1.7	501	0	0	0	0	28	0	0
0500 RECREATION RESOURCES	17	24.7	6.8	6.5	10.0	2722	0	0	0	0	635	0	0
0600 TIMBER FOREST PRODUCT	195	712.1	116.9	455.0	155.7	54158	0	0	0	0	4450	0	0
0700 RANGE	16	22.7	5.4	10.7	6.9	2216	0	0	0	0	211	0	0
0800 WILDLIFE AND FISH	30	56.5	5.1	25.4	14.0	1932	0	0	0	0	370	0	0
0900 HOUSING & EQUIP	3	10.8	2.6	8.7	2.5	905	0	0	0	0	54	0	0
4300 ECC POLIT ORGANIZ	1	3.0	0.2	2.3	2.0	242	0	0	0	0	5	0	0
TOTAL	312	951.5	152.1	503.6	257.9	79696	0	0	0	0	6637	0	0

U S FOREST SERVICE

TABLE III-9-7 SUMMARY BY PROBLEM AREA		OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS											EXCLUS
CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C G CA SABS	OTHER CN GT	SP Q15	PD Q10	FO SERV	FORST USFA	OTHER
		SYS	FSST	TECH	OTHER								
SERIES 100													
102 SOIL PLANT WTR MGMT	1	2.0	0.4	1.2	0.4	168	0	0	0	0	10	0	0
105 CONSERV USE OF WATE	1	0.8	0.4	0.5	0.6	119	0	0	0	0	12	0	0
107 WATERSHED EROD C NG	36	98.8	7.1	59.8	20.4	6173	0	0	0	0	642	0	0
108 ECON LG PRPD CF WA	1	1.1	0.0	0.8	0.1	61	0	0	0	0	12	0	0
110 APPRAIS FORST & BAS	12	57.6	95.5	33.7	19.7	7078	0	0	0	0	284	0	0
111 ECOL CULT MGMT FORST	63	183.9	18.2	128.8	46.1	13760	0	0	0	0	672	0	0
112 IMPROV RANGE RESOR	5	9.5	1.8	5.6	3.0	963	0	0	0	0	37	0	0
SUBTOTAL	119	353.6	73.7	230.6	90.6	10341	0	0	0	0	1669	0	0
SERIES 200													
201 CNTRL FORST INSECTS	34	110.5	12.1	74.4	37.6	5796	0	0	0	0	1206	0	0
202 CNTRL FORST RIS	23	56.7	7.0	40.6	17.0	9853	0	0	0	0	115	0	0
203 FOREST FIRE PROTECT	20	76.3	10.5	33.4	17.6	6026	0	0	0	0	773	0	0
214 PROTECT FROM POLLUT	3	8.0	1.4	6.1	3.0	1524	0	0	0	0	145	0	0
SUBTOTAL	80	247.6	31.6	154.6	75.1	22209	0	0	0	0	2239	0	0
SERIES 300													
301 GENET BREED FORST T	12	35.4	1.5	39.8	11.2	3261	0	0	0	0	25	0	0
302 IMP FORST ENG SYS	6	14.1	5.5	8.9	6.6	1534	0	0	0	0	330	0	0
303 ECON TIMBER PRODUCT	5	10.5	0.4	0.0	3.9	692	0	0	0	0	29	0	0
SUBTOTAL	23	60.4	7.4	48.7	21.7	5487	0	0	0	0	384	0	0
SERIES 400													
401 NEW IMP FORST PFOD	27	113.5	20.4	81.8	18.3	9810	0	0	0	0	646	0	0
SUBTOTAL	27	113.5	20.4	81.8	18.3	9810	0	0	0	0	646	0	0
SERIES 500													
502 MFG TIMBER PRODUCT	11	35.6	2.2	8.9	10.8	2102	0	0	0	0	242	0	0
512 IMP GRADES FRST PRO	2	10.0	0.5	5.5	3.5	643	0	0	0	0	4	0	0
513 PRICE ANAL FRST PRO	3	8.6	2.0	0.5	2.9	555	0	0	0	0	37	0	0
SUBTOTAL	16	54.2	4.7	14.9	17.2	3299	0	0	0	0	283	0	0
SERIES 800													
801 FORAL HOUSING	2	6.0	1.0	6.0	1.8	471	0	0	0	0	16	0	0
SUBTOTAL	2	6.0	1.0	6.0	1.8	471	0	0	0	0	16	0	0
SERIES 900													
901 ALLEV POLLUTION	9	19.1	1.6	7.3	2.8	1529	0	0	0	0	137	0	0
902 OUTDOOR RECREATION	11	16.2	3.9	3.2	8.1	1312	0	0	0	0	267	0	0
903 MULTI-USE-FOREST FO	9	18.5	3.6	4.2	5.6	866	0	0	0	0	621	0	0
904 WILDLIFE AND FISH ECO	20	56.2	3.7	27.5	13.6	3858	0	0	0	0	371	0	0
905 TREES REAFFILIATION	2	3.2	0.2	2.9	1.1	291	0	0	0	0	0	0	0
907 RURAL INCOME IMP	1	3.0	0.2	2.0	2.0	242	0	0	0	0	5	0	0
SUBTOTAL	60	116.2	13.1	47.1	33.2	8077	0	0	0	0	1401	0	0
SCIENCE IN SERV OF MAN													
GRAND TOTAL	327	951.5	152.1	503.6	257.9	79696	0	0	0	0	6637	0	0

DEPARTMENT OF AGRICULTURAL RESEARCH

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE BY AGENCY

OP 1977 FUND BY SOURCE - IN THOUSANDS OF DOLLARS

EXCLUSIVE OF FUND AND AID FUND

AGENCY	FISCAL YEAR	TOTAL	STAFF			PLANT	IN	C	C	C	OTHER	SP	PD	SP	PD	FOREST	OTHER	TOTAL	OTHER	WATER	FEC	TOTAL	
			PROF	TECH	OTHER																		
AFR	1977	1016.0	*	*	*	267681	4333	4271	0	0	0	0	0	0	0	0	0	276165	15651	223	292258		
ARS	1977	0.0	0.0	0.0	0.0	0	21901	0	0	0	0	0	0	0	0	0	0	21901	0	0	0	21901	
ARS	1977	958.3	1.1	0.5	244.7	27027	179	106	0	0	0	0	0	0	0	106	27418	622	15	26355			
ARS	1977	21.1	0.0	0.0	0.0	885	0	56	0	0	0	0	0	0	0	0	0	941	0	0	0	941	
ARS	1977	911.5	152.1	503.6	257.9	19696	0	0	0	0	0	0	0	0	0	0	0	96332	6381	0	0	92413	
ARS	1977	6416.9	*	*	7203.9	175206	26415	4533	0	0	0	0	0	0	0	0	0	412375	22194	695	436268		

CLASSIFICATION CATEGORY	NO OF EST	STAFF POSTS YEARS					MCM SP DTH TOT USDA OTHER STATE PROD IND									
		ENV	PROP	TECH	OTHER	BATH	HRF	STEM	GT	CSRS	CSRS	COCA	FED	AFRO	SAIRS	TH
SERIES 900																
901 RURAL HOUSING	43	14.1	7.9	6.6	11.4	66	116	0	50	13	305	3	76	350	9	1
902 INDIV & FAM OPC MA	157	19.1	25.1	10.9	14.3	495	157	0	120	H	790	6	51	1095	43	4
903 RURAL FARMERS	11	5.4	6.6	3.4	12.2	126	23	3	186	26	394	0	20	155	9	0
904 ECON SCIENT RSL PR	143	26.4	19.2	9.4	26.4	323	97	0	107107	714	41	154	285	9	0	0
905 COMMUNICAT RURAL PR	141	25.4	25.6	7.3	18.1	480	24	7	244	7	560	6	163	1623	86	18
906 ADJUSTMENT TO CHANG	172	41.7	12.6	13.9	15.4	569	261	0	279	45	1174	7	210	1190	28	9
907 AGRIC ECONOMIC CHAN	111	32.4	29.6	11.0	25.7	426	107	0	106	0	643	63	138	1345	26	3
908 GOV'T PROGRAMS	35	6.5	7.0	1.7	5.1	149	26	0	3	0	175	33	26	260	1	1
SUBTOTAL	637	192.6	155.7	66.0	153.0	2384	850	7	1392288	4521	156	619	6660	212	80	0
SERIES 900																
901 ALLEY COLLECTION	704	247.2	234.4	245.4	196.3	2285	1343	114	1194	9	4811	413	1642	5967	447	164
902 OUTDOOR RECREATION	172	47.0	43.5	21.0	23.0	264	319	335	43	14	974	67	339	1474	49	3
903 MULTI-USE-FOREST PO	76	11.2	13.6	12.7	4.2	17	6	269	0	0	283	77	11	420	10	2
904 WILDLIFE AND FISH MGT	545	163.1	213.6	160.0	171.7	864	212	444	311	0	1653	250	2594	6846	192	153
905 TREES REAFFIRMATION	97	26.5	16.6	18.5	13.4	155	94	64	40	0	343	42	126	1525	15	5
906 GENAMENT C TRF DEV	541	200.9	116.4	191.2	190.0	2061	262	1	25	8	2361	76	91	10784	102	11
907 RURAL INCOME IMP	190	46.5	39.4	12.0	30.2	617	165	0	418262	1462	36	70	1044	25	7	
908 RURAL INSTITUTE INF	293	78.3	75.4	21.3	55.6	1317	422	12	359358	2466	40	295	2184	103	16	
909 UNCLASIFIED	47	121.3	33.3	14.4	54.6	775	135	10	3	65	1054	637	762	5724	1535	45
SUBTOTAL	2691	951.2	934.4	634.6	749.7	3374	2965	1273	2327707	15729	1608	6132	43020	3244	520	0
SCIENCE IN SERV OF MAN																
GRAND TOTAL	20721	5916.6	5745.5	6295.6	6446.4	21642	8175	15456	114459	55415	12572	191160	1271	0	0	0

COMMODITY		IP 1977 PHASE BY SECTOR - IN THOUSANDS OF DOLLARS																TOTAL	
NO OF PROJ	SYS	STAFF				MATH	REP	NCR	SP	OTH	TOT	USDA	OTHER	STATE	FED	INDUS	OTH	T.TOTAL	
		ENGR	TECH	OTHER	SUPP														
1 LAND	102	52.5	51.1	41.6	12.2	428	319	71	66	7	1050	16	425	1739	76	141	241	3572	
2 RIVER MAR	67	33.7	12.1	19.3	11.0	353	23	16	0	0	432	3	294	639	17	49	170	1416	
3 CHANAL	19	0.1	3.2	2.4	2.2	29	0	55	0	0	65	21	7	340	0	0	0	460	
4 RIVER MAR	25	5.9	1.2	1.9	4.3	90	23	24	46	0	123	4	63	163	0	0	0	366	
5 RIVER MAR	19	12.1	13.7	6.4	5.4	86	151	127	0	0	257	16	61	157	2	10	51	742	
6 RIVER MAR	205	15.6	21.7	48.3	28.0	351	1811	172	0	0	1712	166	463	1502	21	417	222	4722	
7 RIVER MAR	2	0.5	0.5	1.1	0.7	39	29	1	0	0	69	0	0	42	10	0	0	145	
8 RIVER MAR	1	0.2	0.0	0.4	0.1	237	47	114	124	0	526	33	515	1115	46	311	549	1215	
9 RIVER MAR	256	97.9	50.9	100.5	60.4	1236	272	22	99	0	1886	65	116	2891	293	331	57	6647	
10 RIVER MAR	82	21.5	19.3	16.0	20.6	355	274	0	42	0	673	41	12	571	52	118	135	2417	
11 RIVER MAR	295	15.0	02.0	09.1	42.0	974	339	0	132	0	1415	44	154	1053	117	231	79	4351	
12 RIVER MAR	121	11.5	21.0	36.4	35.0	526	113	1	0	0	641	5	43	1572	43	176	52	2531	
13 RIVER MAR	27	23.0	10.9	27.2	15.4	401	81	1	1	0	483	3	24	531	46	80	77	1215	
14 RIVER MAR	1	0.1	0.0	0.0	0.0	0	0	0	0	0	2	0	0	0	0	0	0	5	
15 RIVER MAR	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16 RIVER MAR	22	2.9	1.1	2.6	2.0	60	0	0	0	0	43	0	31	135	21	5	1	253	
17 RIVER MAR	22	2.1	3.7	5.4	2.1	10	5	0	0	0	35	3	33	147	10	9	1	439	
18 RIVER MAR	1	3.1	0.4	0.1	0.2	1	2	0	0	0	4	0	0	12	0	0	0	16	
19 RIVER MAR	100	25.4	21.4	19.3	25.4	385	167	0	195	0	747	15	43	1317	49	109	51	2352	
20 RIVER MAR	2	0.2	0.1	0.0	0.0	0	0	0	0	0	4	0	0	6	0	0	0	49	
21 RIVER MAR	1	0.1	0.2	0.0	0.1	0	0	0	0	0	0	0	0	3	0	1	0	39	
22 RIVER MAR	45	10.2	5.2	6.4	1.9	130	39	0	232	0	377	5	61	363	44	11	2	665	
23 RIVER MAR	1	0.3	0.7	0.0	0.2	1	0	0	0	0	1	0	0	15	0	26	0	43	
24 RIVER MAR	1	0.2	3.5	0.2	0.2	2	0	0	0	0	2	0	7	23	0	25	0	54	
25 RIVER MAR	1	0.1	0.0	0.0	0.0	2	0	0	0	0	131	0	0	347	22	2	0	476	
26 RIVER MAR	1	1.2	0.1	0.7	0.4	10	11	0	0	0	21	0	0	4	6	1	2	1	
27 RIVER MAR	154	60.6	55.5	101.0	63.3	950	494	0	23	0	1464	45	631	2657	434	159	153	5567	
28 RIVER MAR	25	36.6	11.7	34.7	18.4	214	55	0	47	0	417	6	84	840	136	114	135	1731	
29 RIVER MAR	215	65.7	56.9	110.3	69.7	1139	361	0	70	0	1569	24	447	3030	656	274	450	6531	
30 RIVER MAR	19	0.2	0.2	14.1	8.9	85	0	0	27	0	115	3	151	336	90	24	6	726	
31 RIVER MAR	43	0.1	5.9	15.1	12.9	168	26	0	0	0	135	0	67	317	142	14	24	759	
32 RIVER MAR	104	17.1	27.1	51.4	20.1	263	8	0	0	0	251	11	714	1077	130	162	193	2593	
33 RIVER MAR	7	2.7	0.7	0.6	2.3	46	0	0	0	0	46	3	7	86	14	3	2	162	
34 RIVER MAR	9	2.5	1.2	2.1	0.5	34	2	0	0	0	36	5	19	81	10	0	0	151	
35 RIVER MAR	6	1.6	0.5	0.5	0.7	7	31	0	0	0	38	0	0	35	2	1	0	77	
36 RIVER MAR	11	29.4	10.1	23.6	14.5	511	279	0	0	0	790	41	345	568	157	209	26	2562	
37 RIVER MAR	11	11.7	11.6	10.4	8.6	136	25	0	0	0	181	86	745	261	34	45	61	794	
38 RIVER MAR	115	31.2	19.9	25.9	25.8	544	136	7	136	17	640	95	587	1127	115	134	231	3130	
39 RIVER MAR	21	1.1	1.0	3.6	5.7	70	12	0	124	0	236	7	102	224	27	72	33	670	
40 RIVER MAR	10	2.9	1.5	2.7	6.1	150	0	0	5	0	154	4	6	226	1	5	5	402	
41 RIVER MAR	96	11.2	27.1	10.5	18.2	556	203	2	54171	0	986	26	163	660	74	75	128	2136	
42 RIVER MAR	18	1.0	1.6	1.4	1.1	54	4	0	0	0	57	9	18	87	0	3	2	167	
43 RIVER MAR	7	5.6	1.5	5.2	2.5	21	0	0	0	0	21	0	0	104	2	3	4	133	
44 RIVER MAR	1	0.2	3.0	0.0	3.1	10	0	0	0	0	10	0	0	0	0	0	0	10	
45 RIVER MAR	1	1.4	0.4	2.0	1.2	51	0	0	0	0	51	0	0	0	0	0	0	165	
46 RIVER MAR	10	1.2	1.1	0.1	2.9	83	10	0	0	0	113	4	0	40	0	0	0	157	
47 RIVER MAR	5	0.9	1.2	1.9	1.6	35	14	0	0	0	45	0	0	36	1	11	1	99	
48 RIVER MAR	10	1.2	2.0	6.1	1.5	9	17	0	0	0	25	0	0	161	1	0	6	154	
49 RIVER MAR	10	12.7	7.1	15.0	1.6	236	0	0	0	0	236	2	306	367	47	7	42	1007	
50 RIVER MAR	7	2.6	2.0	5.0	1.0	27	0	0	0	0	27	0	2	101	7	11	4	157	
51 RIVER MAR	41	10.4	17.1	20.6	9.3	125	0	0	34	0	164	32	385	499	58	26	56	1220	
52 RIVER MAR	51	16.1	16.0	16.1	4.3	209	3	0	0	0	217	2	381	433	56	48	26	1156	
53 RIVER MAR	92	19.1	15.2	24.3	14.1	363	336	0	150	0	849	36	108	1036	52	75	12	2447	
54 RIVER MAR	12	11.1	11.1	12.8	5.9	137	0	0	20	0	157	1	196	329	52	15	20	766	
55 RIVER MAR	29	6.7	5.4	4.6	3.4	42	14	16	0	0	73	9	55	234	10	6	15	374	
56 RIVER MAR	1	21.1	14.1	7.5	1.8	68	1	0	0	0	68	79	159	2351	4	289	108	3100	
1992	100	791.5	1012.6	656.7	12517	4384	1636	1566	195	20298	1025	7378	36681	3286	4085	3513	76266		

	CLASSIFICATION CATEGORY	NO OF PBCJ	STAFF				SUPPORT STAFFS				MAIN ST				USDA OTHER STATES			
			SYE	PROF	TECH	OTHER	MATH	REP	STEN	ST	CSRS	CS55	CGCA	PED	AFRO			
SERIES 100																		
101	APPRAIS OF SOIL RES	27	9.6	11.0	8.5	10.8	56	6	7	0	0	10H	4	23	399			
102	SOIL PLUM MTR NTRAL	56	18.9	13.5	13.5	9.2	235	123	21	28	3	409	12	125	664			
103	MGMT OF SALINE SOIL	1	0.5	0.0	0.0	0.2	1	0	0	0	0	1	0	0	0			
104	ALTEEN USE OF LAND	23	9.2	14.3	2.9	4.1	102	93	13	0	1	228	15	31	160			
105	CONCERN USE W WATER	11	2.5	2.6	1.0	1.0	61	1	2	0	0	64	3	5	103			
106	DRAIN AND IRRIGATIO	4	0.5	9.7	0.1	0.1	27	0	1	0	0	24	0	0	15			
107	WATERSHD PROJ A MO	17	4.2	4.4	2.5	1.5	21	0	6	3	3	92	15	6	116			
108	PEON 125 PROJ OF WA	6	2.2	0.1	0.1	1.3	17	0	1	0	0	19	7	15	50			
109	WEATHER ALGAT & MOI	15	2.6	2.0	7.7	3.4	13	24	15	0	0	50	3	4	115			
110	APPRAIS FOREST A PAK	13	2.7	2.0	1.6	0.6	21	0	51	3	0	73	0	7	91			
111	BIOLO COST MORT PROJ	67	14.4	21.6	5.6	8.3	71	6	36	0	0	444	26	4	431			
112	IMPROV RANGE RESOR	1	0.5	0.5	1.1	0.7	39	25	3	0	0	68	9	0	39			
113	REMOTE SENSING	13	1.5	2.5	2.6	1.1	8	11	20	0	0	39	9	4	63			
	SUBTOTAL	254	69.6	77.3	44.5	32.8	712	223	526	28	7	1624	94	234	2241			
SERIES 200																		
201	CNTRL FOREST INSECTS	31	16.9	14.2	11.0	5.6	36	53	200	0	0	286	54	55	463			
202	CONTROL FOREST DIS	16	4.1	5.8	3.1	1.1	35	43	55	0	0	133	1	3	171			
203	FOREST FIRE PROTECT	1	0.2	0.3	0.0	0.0	0	0	0	0	0	0	0	0	0			
204	CNTP PESTS FET C VEG	74	26.6	17.6	27.9	16.5	324	24	0	52	0	408	57	143	1157			
205	CNTP DISB FST A VEG	116	43.9	17.3	40.2	20.3	456	209	22	41	3	724	62	49	1590			
206	CNTP WEEDS FST C VEG	31	0.1	6.9	7.9	6.5	174	23	3	0	0	197	7	0	331			
207	CNTP PESTS FLD CROP	30	7.1	5.2	6.4	6.1	133	7	0	143	3	283	5	57	281			
208	CNTP DIS FIELD CROP	45	13.9	5.2	18.3	5.6	191	53	0	3	0	244	1	33	543			
209	CNTP WEEDS FLD CROP	21	5.7	5.8	5.1	3.5	95	75	3	0	0	170	16	0	176			
210	CNTP PESTS ANIMALS	11	2.6	2.0	2.9	1.2	52	0	0	0	0	52	7	10	127			
211	CNTP DIS ANIMALS	102	62.9	51.5	107.5	47.6	376	392	3	7	0	735	32	538	2195			
212	CNTP INTER PARASITE	16	5.0	1.8	10.0	3.0	50	0	3	0	0	10	0	0	134			
213	CNTP ANML FROM FOX	10	4.1	3.7	5.5	2.9	19	0	9	0	0	19	0	165	95			
214	PROTECT FROM POLLUT	36	11.0	16.9	7.4	7.2	133	101	25	17	0	276	0	67	164			
	SUBTOTAL	546	216.2	157.1	253.0	127.1	2064	972	302	259	3	3601	282	1127	7665			
SERIES 300																		
301	GRVET FREEED FOREST T	12	4.0	4.2	4.6	1.4	25	37	94	0	0	160	11	4	86			
302	IMP FOREST ENG SYS	4	2.4	1.6	2.0	3.3	26	0	31	0	0	59	0	0	30			
303	ECOS TIMBER PRODUCT	6	1.6	3.7	0.1	0.3	0	0	22	3	0	22	0	0	14			
304	IMP BIO EFF FST C V	164	55.5	26.5	70.9	42.4	809	163	6	3	3	973	28	9	2563			
305	MECH PROD FET C VEG	29	9.4	4.5	8.1	4.1	137	82	9	0	0	219	0	22	454			
306	PROD MGMT SYS F C V	9	2.6	1.0	1.3	1.5	55	10	0	0	0	65	3	0	46			
307	IMP BIO EFF FLD CRO	111	34.3	20.3	46.1	21.7	310	80	1	160	0	759	41	43	1539			
308	MECH PROD FIELD CROP	7	2.4	2.7	0.9	0.7	33	15	0	0	0	44	0	0	63			
309	PROD MGMT SYS FLD C	19	3.7	5.2	6.7	5.6	63	13	0	10	0	106	0	14	119			
310	ANIMAL REPRODUCTIO	42	17.0	17.0	31.5	17.0	435	73	0	0	0	487	0	271	677			
311	IMP BIO EFF ANML RES	163	55.4	41.0	97.5	76.4	1078	170	3	47	0	1255	0	466	3109			
312	ENV STRESS IN ANML	20	7.2	3.5	7.2	5.5	82	93	0	0	0	175	0	22	333			
313	PROD MGMT SYS ANML	21	4.9	5.9	8.0	12.4	40	6	3	41	3	89	2	1	302			
314	BRES OTH POLLUTING	7	2.7	0.7	0.6	2.0	66	0	0	0	0	46	1	7	88			
315	IMP STRUC FARM SUPP	21	6.8	6.0	8.9	2.3	100	0	3	0	0	100	90	0	197			
316	FARM BUSINESS MGMT	14	7.5	3.4	2.7	6.0	144	3	0	0	3	144	3	0	211			
317	MECH/STRUCTS ANML P	5	2.1	1.8	0.6	0.1	27	1	0	3	0	28	0	0	90			
318	NON-COM BIO TECH/ET	194	65.4	61.5	77.0	36.2	857	30	0	0	0	887	36	1430	2135			
	SUBTOTAL	938	289.4	202.0	374.4	210.6	4450	804	152	257	0	5663	220	2311	12055			
SERIES 400																		
401	NEW IMP FOREST PROJ	38	17.1	12.8	5.5	6.5	39	0	211	0	0	252	13	134	365			
402	PROD F C IMP ACRO	40	8.5	3.9	9.4	7.8	73	21	0	9	0	95	2	0	400			
403	NEW C IMP VEG EBO	47	15.6	13.3	12.7	5.6	103	11	3	0	0	193	0	49	577			
404	AKT QUAL FRTS C VEG	55	20.3	13.6	20.2	17.0	295	411	3	22	3	728	1	20	776			
405	PROD FLD CROP IMP A	17	4.8	3.1	5.1	3.2	62	19	0	41	0	121	0	2	258			
406	NEW IMP FOOD FLD CR	14	2.9	4.3	0.1	3.8	20	3	3	33	3	54	0	43	48			
407	NEW IMP NON-FOOD PC	7	0.4	1.4	2.0	1.2	0	5	1	0	0	5	0	23	46			
408	AKT QUAL FIELD CROP	5	1.6	0.5	3.5	1.2	65	0	0	0	0	65	5	0	109			
409	PROD ANML FLD IMP AC	16	5.1	1.9	12.7	5.5	150	0	0	0	0	150	0	102	205			
410	IMP MEAT HTZF EUG P	47	13.2	13.3	18.3	9.5	213	0	0	0	0	213	0	155	713			
411	IMP NON-FOOD ANML P	2	0.0	0.0	0.2	0.0	3	0	0	0	0	1	0	0	3			
412	AKT QUAL ANIMAL PRO	23	6.8	3.4	8.1	3.5	236	3	0	0	0	236	5	16	219			
	SUBTOTAL	311	96.1	71.3	102.4	71.7	1316	467	213	55	0	2112	28	524	3717			
SERIES 500																		
501	IMP GRADES & STANDS	7	1.6	0.9	3.4	0.7	18	16	0	0	0	34	0	6	64			
502	AKTQ TIMBER PRODUCT	4	1.1	0.9	3.0	3.1	13	0	13	0	0	24	8	0	6			
503	MKTG EFF AGRI PRDUS	31	8.0	6.0	2.6	4.1	135	78	3	26	0	237	9	4	134			
504	SPLY DEMAND AND MGT	22	7.0	5.5	0.9	3.6	108	121	3	0	0	230	0	0	117			
505	COMP REL IN AGRIC	7	0.5	1.3	0.2	3.7	14	13	0	0	0	27	1	0	25			
506	DOMESTIC AKT DEVIMP	5	0.8	0.5	0.0	1.8	15	4	3	0	0	20	0	0	24			
509	PERFORMANCE MKTG SY	22	11.5	3.3	2.9	5.1	161	119	0	19	0	297	12	0	113			
510	GROUP ACT AKT FOWER	1	0.3	0.4	0.3	2.3	10	0	3	0	0	15	0	4	3			
511	IMP AGRIC STATISTIC	3	1.0	1.6	0.0	0.6	15	0	3	0	0	15	0	0	26			
512	IMP GRADES FIRST PBC	1	0.1	0.0	0.1	0.0	2	0	0	0	0	2	0	0	2			
513	PRICE ANML FIRST PRO	2	3.3	0.4	0.0	0.1	4	0	5	0	0	9	0	0	3			
	SUBTOTAL	107	29.4	21.3	10.0	17.0	493	352	17	45	0	908	31	14	518			
SERIES 600																		
601	PRY MKT DEVELP	4	1.6	0.6	1.4	0.9	45	0	9	0	0	45	0	0	62			
602	EVAL FOR FOOD AID P	1	0.1	0.3	0.0	0.1	3	0	0	0	0	0	0	0	5			
603	TECH AID DEV CTRY	6	6.5	2.4	5.3	3.9	3	8	3	0	0	3	0	0	113			
	SUBTOTAL	11	8.2	3.3	6.7	4.9	48	0	0	0	0	48	0	0	18			

JOB	NO OF 1000	SYS	STAFF				SUPPORT YEARS										TOTAL	
			PROG	TECH	OTHER	DATA	APP	SYSTEM	CC	CSRS	CSBS	CCCA	PER	ALICE	STATE	INCO		INCOL
MAX	4	1.0	3.7	0.4	4.0	7	8	0	0	0	15	0	20	17	0	0	0	140
11-15	16	1.0	1.4	2.0	1.2	82	12	0	15	0	16.7	2	20	150	21	20	1	150
16-20	1	0.6	3.0	0.6	1.6	15	3	0	0	0	15	0	17	4	3	0	0	37
21-25	12	6.2	2.0	4.4	5.9	95	3	2	70	17	110	30	112	52	0	3	99	415
26-30	40	9.8	4.0	3.0	6.9	95	0	7	125	0	123	5	124	351	39	50	240	577
31-35	19	4.4	0.7	1.0	5.4	96	6	0	13	0	115	2	36	150	10	57	30	322
36-40	9	1.5	1.3	0.0	2.8	10	4	0	5	0	25	1	24	10	3	1	1	70
41-45	101	20.9	12.4	12.5	25.0	319	35	7	430	17	608	40	410	754	61	105	170	2250
TOTAL																		
11-15	144	6.4	54.5	50.4	20.1	656	152	25	139	0	972	40	644	1730	31	172	245	3136
16-20	90	10.0	11.0	6.3	4.2	88	151	93	0	0	132	10	63	105	2	0	27	670
21-25	17	4.9	7.4	3.9	2.0	6	3	117	0	0	124	3	1	67	1	1	24	250
26-30	104	31.6	37.4	35.7	19.2	207	40	109	122	0	475	31	59	300	30	327	515	2540
31-35	12	4.4	2.2	1.7	1.0	67	45	11	0	0	124	0	19	125	2	2	7	269
36-40	122	11.0	20.2	16.3	10.4	521	113	1	0	0	845	5	43	1547	62	175	52	2591
41-45	27	9.4	7.1	3.2	3.4	176	32	0	26	70	395	5	30	142	2	4	3	477
TOTAL	35	22.0	20.6	7.3	3.3	397	166	2	26	101	691	20	190	521	72	74	101	1610
11-15	9	21.1	16.1	7.5	1.8	68	1	1	0	0	60	70	155	2351	4	209	121	3120
TOTAL	517	191.8	181.7	152.0	102.7	2106	701	353	113	171	3729	204	1693	7592	126	1052	1170	15647
TOTAL	2517		791.5		658.7		8384		1566		20235		7378		3206		1513	
TOTAL	1001.2		1012.6		12517		1616		195		1025		10551		4065		76265	

CLASSIFICATION CATEGORY	NO OF PERSONS	STAFF					MCM ST	SE CSRS	OTH CSRS	TOT CSPS	USDA CUCU	OTHER FED	STATE APPRO	PROG SAL
		SIC	YRGE	TECH	OTHER	FAITH	SPF	STEN						
00 SOIL AND LAND	113	101.8	17.5	113.6	51.3	639	115	79	175	0	1712	63	391	4314
00 WATER	196	60.1	38.1	93.6	64.9	424	237	42	339	0	1641	54	215	2424
00 WATERSHEDS RIVER BAS	36	11.0	6.1	17.9	7.4	52	99	15	62	3	226	0	38	416
00 AIR AND CLIMATE	24	3.9	1.7	3.4	1.3	33	15	11	0	0	61	2	7	212
00 RECREATION RESOURCES	37	10.3	5.3	5.1	6.1	46	13	35	63	0	186	6	30	346
00 TIMBER FOREST PRODUCT	193	149.0	126.3	140.5	120.5	322	235	260	72	1	2969	603	1310	5364
00 RANGE	54	12.6	7.3	15.5	5.6	97	1	51	9	0	158	9	66	488
00 WILDLIFE AND FISH	220	83.5	56.6	75.6	65.9	512	169	260	206	0	1127	96	766	2535
00 CITRUS SUB TROP FRUIT	133	70.0	14.7	87.2	136.6	403	53	3	86	0	536	39	160	6014
00 FRUIT NUTS DECIDUOUS	330	105.7	45.1	128.0	120.1	1427	55	3	199	0	1771	103	134	6202
00 POTATOES	35	7.9	3.7	8.7	6.3	80	0	0	0	0	94	4	6	525
00 VEGETABLES	366	203.0	95.6	166.1	244.6	1905	229	3	566	0	2703	236	129	10295
00 ORNAMENTAL TURF	203	90.6	28.6	56.8	122.1	866	131	0	51	0	1655	20	31	4703
00 CORN	221	45.0	27.4	50.2	51.4	512	152	0	10	0	674	34	152	2439
00 GRAIN SORGHUM	136	22.4	5.4	20.2	24.9	224	62	3	10	0	236	31	16	1457
00 RICE	76	29.7	9.6	14.7	19.3	177	13	0	2	0	192	51	8	1652
00 WHEAT	121	22.5	8.7	13.5	16.6	312	38	3	36	0	166	4	19	1224
00 OTHER SMALL GRAINS	109	22.7	5.9	20.9	24.3	271	14	0	69	0	975	5	6	837
00 PASTURE	191	24.6	4.2	24.3	35.7	294	6	0	0	0	203	137	17	1654
00 FODDER CROPS	290	51.2	30.2	106.3	115.9	1179	137	0	147	0	1463	24	93	5716
00 COTTON	280	54.2	59.5	88.1	95.2	577	486	0	439	0	1906	304	273	5415
00 COTTONSEED	10	1.7	1.3	2.5	1.5	33	0	0	23	0	56	0	0	55
00 SOYBEANS	392	104.0	73.5	88.1	115.2	1214	485	0	458	0	2157	181	89	5416
00 PEANUTS	140	47.3	19.8	58.8	46.7	935	20	0	275	0	739	72	28	2647
00 OTHER OILSEED CROPS	16	1.5	1.1	1.7	3.6	6	0	0	6	0	14	0	0	111
00 TOMATO	138	53.1	36.8	73.1	66.2	668	21	3	48	0	737	41	28	3431
00 SUGAR CROPS	65	37.1	7.7	15.8	116.6	634	21	0	0	0	670	21	45	1731
00 ATSC NEW CROPS	42	8.2	3.5	4.6	26.6	99	66	0	6	0	179	0	12	304
00 POULTRY	253	55.3	64.8	155.4	119.6	1725	369	0	425	48	2365	136	163	6090
00 BEEF CATTLE	499	170.0	63.9	171.8	249.9	2568	549	0	845	0	4363	295	65	13914
00 DAIRY CATTLE	327	116.1	54.6	169.6	211.2	2178	425	0	263	0	2867	69	97	8170
00 SWINE	190	57.2	34.8	68.5	91.1	1022	163	0	318	0	1503	69	61	4163
00 SHEEP AND WOOL	82	14.6	10.5	15.3	19.7	311	36	3	22	0	167	30	20	1112
00 OTHER ANIMALS	105	10.7	17.3	53.9	22.4	459	2	0	192	0	652	74	103	1620
00 EGGS AND HONEY	5	2.0	0.7	1.3	0.3	22	0	0	0	0	22	12	0	61
00 FARM SUPPL & FACILITIES	26	10.6	3.6	4.3	34.9	95	8	0	285	0	381	0	0	253
00 CLOTHING & TEXTILES	24	6.6	2.5	2.6	3.4	51	51	0	64	0	168	18	0	107
00 FOOD	134	45.1	19.1	57.0	38.7	507	407	0	844	0	1758	35	80	1141
00 HOUSING & EQUIP	59	17.2	6.7	13.4	11.5	90	79	12	194	3	378	28	59	624
00 PEOPLE AS INDIVIDUAL	231	56.7	26.8	46.6	56.1	729	185	0	1533	68	2436	16	222	1622
00 FAMILY MEMBERS	75	10.3	8.7	3.5	12.3	202	26	0	394	15	634	3	7	277
00 FARM AS BUSINESSES	60	25.6	4.9	7.9	25.7	450	23	0	117	0	598	76	18	680
00 COOP POLIC ORGANIZ	131	37.2	27.4	11.2	37.7	547	201	0	426	188	1160	10	24	767
00 AGRIC ECONOMY U S	21	9.5	2.7	4.1	12.8	90	0	0	17	0	107	11	17	366
00 FARM COOPERATIVES	14	2.7	2.6	0.5	3.9	42	0	0	129	0	171	16	0	56
00 OTH MARKET PROCESS	16	2.2	1.5	4.0	3.4	44	0	0	6	0	52	0	8	95
00 MARKETING SYSTEMS	23	6.0	2.2	4.0	6.4	69	81	1	123	8	224	51	0	194
00 WOODS	4	3.8	1.3	1.0	1.7	18	0	0	31	0	69	1	38	142
00 SEED RESEARCH	4	0.7	0.0	2.2	1.7	37	0	0	0	0	37	5	0	44
00 REC CELL SYSTEMS	16	12.1	10.3	12.6	3.2	102	5	0	11	3	120	0	395	495
00 REC DESIGN/STAT METH	19	6.2	2.7	7.4	4.7	22	0	0	0	0	22	10	33	426
00 INVENTORIES	61	23.2	12.7	27.1	12.9	151	3	0	12	0	163	5	258	1005
00 MICROORGANISMS, VIRUS	41	24.8	10.2	54.1	12.4	132	26	6	17	0	196	12	678	960
00 PLANTS	140	55.1	47.4	60.1	64.6	652	162	2	104	0	1140	85	279	2113
00 ANIMALS (VERTEBRATES)	65	15.9	17.1	20.8	18.4	198	54	7	24	0	274	14	154	828
00 RESEARCH OR PSCH NGR	6	5.6	1.2	3.4	0.5	21	154	7	0	0	176	0	32	162
00 RSCH EQUIP & TECHNOL	17	4.3	2.7	0.9	1.6	2	1	8	0	0	11	0	137	145
00 UNCLASSIFIED	15	62.4	2.0	4.1	4.2	179	56	23	0	0	304	285	240	1559
TOTAL	7366	2463.5	1244.0	2475.1	2887.0	26537	6425	2979	353	10790	47445	3499	7491	127625

CLASSIFICATION CATEGORY	NO OF FRCJ	STAFF SUPPORT YEARS					ACIS 51 OTH TOT USDA LTRN STATE									
		SYS	PROF	TECH	OTHER	MATH	RFP	STBY	GT	CSRS	CSRS	CCCA	FRD	APPO		
SERIES 900																
901 RURAL HOUSING	47	7.4	4.9	5.8	4.7	41	57	0	20	3		230	0	0	159	
902 IMPLY & PAP DEC MAK	51	11.4	5.4	5.7	7.0	137	41	0	150	5		313	4	1	203	
903 RURAL FOWLEBY	26	7.0	5.0	2.1	9.1	74	17	0	171	28		280	0	0	144	
904 RURAL FOREST MFL PR	57	10.1	5.6	3.2	10.4	142	41	0	237	59		480	1	15	174	
905 COMMUNITAT RURAL PR	29	4.1	2.6	0.7	1.7	48	0	0	115	0		162	0	0	159	
906 ADJUSTMENT TO CHANG	56	12.1	7.3	7.8	15.0	259	25	0	252	0		535	5	1	271	
907 RURAL ECONOMIC CHAM	36	12.2	3.7	7.1	15.3	127	1	0	69	0		197	23	16	371	
908 GOV'T PROGRAMS	0	2.5	0.0	0.5	3.6	75	0	0	3	0		75	0	0	43	
SUBTOTAL	269	66.9	43.9	33.0	66.8	902	221	0	1064	96		2303	33	33	1720	
SERIES 900																
901 ALLEY POLLUTION	214	61.9	47.6	92.9	81.3	704	477	50	928	0		2160	47	472	2641	
902 OUTDOOR RECREATION	34	10.1	4.1	5.2	5.9	40	13	89	43	0		181	0	30	329	
903 MULTI-USE-FOREST PO	28	4.1	2.4	6.6	4.7	0	0	33	0	0		90	50	2	177	
904 WILDER AND FISH ECO	165	72.8	56.7	65.6	62.7	387	164	224	169	0		960	74	744	2536	
905 TREES DEAROTIFICATIO	17	3.1	1.0	1.1	2.0	42	0	0	40	0		82	0	0	116	
906 GRAMMANT & TURF DEV	200	90.0	20.6	96.6	101.9	659	131	0	11	0		1997	20	31	4605	
907 RURAL INCOME IMP	74	16.7	11.5	5.4	16.5	253	86	0	354	75		764	1	7	100	
908 RURAL INSTITUTE IMP	62	21.5	16.9	8.1	25.1	330	112	0	246	124		812	9	24	484	
909 UNCLASSIFIED	15	62.3	2.0	4.1	7.2	175	56	29	0	0		304	285	240	1559	
SUBTOTAL	844	364.1	164.8	265.6	302.1	2793	1520	478	1411	207		6365	503	1551	13042	
SCIENCE IS SERV OF MAN																
GRAND TOTAL	7109	2463.9	1244.0	2475.3	2487.6	26907	6425	19790	47445	353		3459	7491	127625		

CLASSIFICATION CATEGORY	NO OF PROD	STAFF SUPPORT EVS	YR TECH	OTHER	DATA	REF	STEN	GT	OTR	TOT	USDA	CIERS	STATE	PROD	S
1 AND 1A9D	356	109.0	124.9	68.3	45.1	1218	304	102	33	59	1756	229	1106	4567	631
FE	217	45.1	50.1	41.5	33.0	379	151	18	15	0	553	30	798	2832	354
BERNARDI FIVER DAS	19	9.9	11.5	5.0	2.2	101	1	10	0	5	121	47	387	347	19
S AND CLIMATE	43	13.6	20.9	6.3	14.4	165	126	8	0	0	292	127	196	636	48
OPERATION RESOURCES	55	11.3	12.0	6.1	6.6	38	72	61	0	14	245	12	115	525	3
WATER FOREST ECONOMICS	135	96.5	84.3	67.2	54.3	339	60	14	0	0	1612	215	150	4056	210
AGE	36	13.2	9.4	6.8	6.4	123	9	5	0	0	137	22	26	517	86
INDUSTRY AND FISH	123	25.9	46.8	27.2	13.4	162	11	25	0	0	218	12	514	1346	26
INDUS SUB TROP FERT	1	0.3	0.3	0.0	3.2	0	1	0	0	0	3	0	3	9	2
BIT KOTS DECIDUOUS	141	51.9	42.3	35.7	45.0	619	46	0	10	0	675	23	63	2905	141
TATOES	30	22.5	24.6	22.4	9.9	282	176	1	0	0	453	2	13	1187	72
ETABLES	224	55.0	44.5	47.5	25.4	927	31	6	47	0	1905	1	265	2895	88
BARBETAINS FIVE	121	41.1	27.3	42.7	20.5	492	12	0	19	0	523	28	13	2479	43
AK	196	95.1	119.9	69.2	92.4	1165	357	6	40	0	1762	261	719	4927	609
AK BOSQUON	122	28.1	32.5	31.3	22.0	242	66	1	0	0	110	28	65	1209	329
FE	10	4.3	6.9	3.9	3.7	8	6	0	0	0	8	0	2	332	0
PAT	295	73.4	64.9	75.9	10.7	755	210	3	47	1	1011	152	252	1306	403
REU SMALL GRAINS	137	25.8	26.0	26.6	21.1	594	17	0	3	0	543	10	22	1488	52
STOKE	38	7.0	4.8	10.3	11.5	26	43	0	15	0	144	10	0	617	77
WAGE CROPS	245	54.2	58.6	54.2	35.4	676	163	0	53	0	1049	107	365	2816	345
TION	9	4.6	2.1	1.0	3.4	48	2	0	1	0	51	0	0	168	35
YEPANS	112	81.9	95.1	54.6	11.4	1026	251	3	120	0	1539	166	256	3675	352
AMOTS	1	0.0	0.2	0.0	0.0	2	0	0	0	0	2	0	0	2	0
FEI GLASSER CROPS	41	7.5	7.7	4.2	2.7	73	6	0	0	0	75	20	19	337	17
WACCO	5	1.6	0.7	1.1	0.8	10	0	0	0	0	10	3	0	55	1
GAP CROPS	36	4.0	4.6	6.4	2.4	60	5	5	2	0	66	0	0	349	11
SC NEW CROPS	23	4.5	3.9	7.2	1.3	60	16	0	0	0	96	22	54	345	18
ULITY	192	54.1	51.6	79.0	57.1	1012	472	2	0	0	1495	44	125	1246	490
FE CACALE	131	97.4	116.5	101.2	159.4	1704	495	2	181	4	2181	865	155	7252	5549
FEY CATTLE	150	136.0	152.7	111.5	133.4	2315	559	3	69	0	2643	176	1057	6943	1322
INS	270	96.4	93.0	115.9	105.7	1562	439	5	263	0	2225	185	335	5623	2865
YEP AND WOL	117	21.3	20.5	31.6	24.3	337	132	2	35	0	445	61	46	1911	961
FEY ANIMALS	196	22.4	10.0	14.5	22.4	247	24	0	15	0	299	10	350	1090	173
EN AND HONEY	10	4.3	2.1	0.1	1.4	7	3	6	0	0	5	0	0	217	3
IN SUB & FACILITIES	46	10.7	7.9	9.0	0.0	146	22	6	2	0	170	22	111	497	218
OTHERING & FACILITIES	20	7.2	6.3	0.9	4.8	139	3	0	0	0	135	0	0	215	0
CU	163	45.7	72.7	19.1	21.2	788	161	0	127	0	1073	140	711	1761	47
OSTING & EQUIP	67	15.1	11.5	5.2	4.0	137	69	4	0	10	220	115	176	591	5
ONLY AS INDIVIDUAL	131	69.4	67.4	21.9	19.0	464	184	0	135	65	1040	3	709	2592	39
WITY EMPLOYE	38	16.1	25.2	9.0	15.2	210	105	0	61	15	452	1	0	810	16
EN AS BUSINES	65	18.4	17.2	7.6	17.1	463	2	0	2	0	468	23	25	601	28
CU WHITE ORGANIZ	156	60.1	40.1	7.0	21.7	516	155	11	94	183	926	30	98	1406	22
RIC ECONOMY & F	48	11.3	21.1	9.3	10.6	217	59	0	32	0	306	72	112	653	61
RIC ECONOMY & F	11	1.7	7.7	3.2	4.6	35	0	0	0	0	45	462	3	336	36
ED COOPERATIVES	16	3.2	5.7	1.2	3.1	113	46	0	0	0	158	7	15	58	4
ED MARKET PROCE	13	3.0	2.7	3.2	3.5	35	11	1	0	0	52	5	48	45	6
MARKETING SERVICES	46	10.5	13.2	2.1	9.0	191	151	3	14	9	155	60	72	281	5
ED	9	1.0	0.4	1.6	0.2	21	0	0	0	0	21	0	26	57	3
ED RESEARCH	2	1.2	4.0	4.1	4.1	2	0	0	0	0	2	0	5	5	349
ED CELL SYSTERS	44	13.4	61.1	22.4	23.2	220	9	0	0	0	217	4	1625	1161	15
ED DEVELOPMENT RESE	25	13.2	6.7	5.5	1.3	103	2	4	0	3	137	233	56	448	26
DEVELOPMENT	43	17.5	20.0	7.5	0.4	222	4	0	0	0	226	0	408	657	29
DEVELOPMENT & VOUCH	71	22.0	22.2	13.3	10.1	158	15	0	0	0	156	24	1010	1114	7
ED	151	52.6	51.3	81.0	14.9	623	24	1	155	0	880	38	518	3692	360
ED (VEGETABLES)	116	10.1	61.9	56.6	49.4	197	98	0	22	0	562	16	940	2910	394
ED RESEARCH ON WOOD AND	10	2.7	0.9	1.4	0.9	6	0	0	0	0	15	36	0	85	0
ED EQUIP & TECHNOL	36	4.9	9.7	10.6	5.5	75	15	17	0	0	147	25	266	352	13
ED EQUIP & TECHNOL	36	3.2	13.1	2.7	47.9	516	75	11	0	65	172	213	321	1266	1073
	6148	1766.2	1746.9	1565.3	1514.6	5724	1731	422	2015	12832	5592	15224	89523	17627	11

CLASSIFICATION CATEGORY	NO OF PROD	STAFF				MCM				DCS				USDA				OTHER		STATE
		SYS	SUPPORT PROD	TECH	OTHER	MATH	APP	STEM	SP	GC	CSRS	CSRS	CCCA	PROD	APPRO					
SERIES 100																				
101 AFFAIRS OF SOIL RES	63	22.5	20.9	8.5	11.6	186	85	5	0	11	287	7	165	95						
102 SOIL PLANT WTR NUTRI	156	49.9	51.3	35.6	27.5	570	95	84	0	0	744	19	371	251						
103 MGMT OF SALINE SOIL	6	1.5	1.6	1.1	0.4	3	0	0	0	0	9	0	0	0						
104 ALTERN USE OF LAND	54	19.5	19.0	7.1	13.9	238	19	12	3	48	317	41	346	55						
105 CONSPRV USE OF WATZ	61	14.2	8.9	14.7	9.5	71	19	0	0	0	94	0	217	63						
106 DRAIN AND IRRIGATION	31	7.4	4.7	7.0	3.1	92	0	0	0	0	82	4	76	17						
107 WATERSHED PROT & MG	40	13.5	14.5	6.4	7.9	171	1	15	0	0	195	74	469	68						
108 ECON LBN PROOF OF WA	15	3.5	6.5	0.6	2.8	51	1	0	0	0	53	0	92	11						
109 WEATHER ADAPT & MOD	17	12.0	19.7	7.5	13.4	155	118	8	0	0	241	126	163	59						
110 AFFAIRS FORST & RAN	31	5.3	3.9	3.9	3.3	1	0	72	0	0	74	22	49	19						
111 BCL CML MGMT 1955	192	28.6	27.8	23.3	16.5	71	15	443	1	0	533	44	41	167						
112 INTERP RANGE RESOR	27	7.1	5.7	4.7	1.2	55	9	1	6	0	65	8	3	33						
113 REMOTE SPRING	22	3.3	3.3	5.7	2.5	24	2	37	0	0	61	25	317	10						
114 RCH ON MGMT OF RSC	10	2.7	0.9	1.2	3.9	6	2	9	0	0	15	34	0	0						
SUBTOTAL	677	192.6	173.6	127.4	116.1	1666	360	686	9	64	2825	407	2246	651						
SERIES 200																				
201 CONTR FORST INSECTS	35	7.2	14.1	4.6	2.9	32	7	112	0	0	170	17	12	29						
202 CONTR FORST DIS	36	6.6	10.7	5.7	2.7	60	0	116	0	0	176	4	16	28						
203 FOREST FIRE PROTECT	1	3.2	3.3	0.0	0.0	0	0	0	0	0	0	0	0	0						
204 CONTR PESTS FST & VEG	51	13.9	13.3	10.4	5.0	161	15	0	26	0	202	10	97	67						
205 CONTR LUSE FST & VEG	113	34.4	33.4	21.9	14.1	375	30	0	0	0	415	4	71	162						
206 CONTR WEEDS FST & VEG	27	8.3	6.7	8.0	2.7	90	1	0	1	0	63	0	11	37						
207 CONTR PESTS FLD CROP	122	44.2	54.3	24.0	33.9	612	171	0	45	0	812	121	514	156						
208 CONTR DCS FIELD CROP	236	67.8	63.6	51.3	35.1	825	216	0	63	0	1112	64	141	106						
209 CONTR WEEDS FLD CROP	75	19.3	18.4	27.5	16.9	264	12	0	2	1	298	21	3	131						
210 CONTR PESTS ANIMALS	21	5.5	4.3	2.6	6.5	45	3	0	0	0	65	16	1	20						
211 CONTR DIS ANIMALS	172	54.7	53.0	96.4	64.0	650	168	0	51	0	1373	306	441	187						
212 CONTR INTRP PARASITE	22	5.4	4.6	4.4	3.5	59	14	0	0	0	73	0	0	36						
213 CONTR ANIMALS FROM SOI	12	5.5	5.7	7.5	4.0	68	54	0	3	0	122	0	73	25						
214 PROJECT FROM BOLLING	73	14.4	14.9	12.9	13.2	127	11	46	0	0	267	31	154	61						
SUBTOTAL	593	292.3	315.1	271.6	202.1	3362	972	294	205	1	4014	586	1581	1517						
SERIES 300																				
301 RCHT WHEEL FORST T	42	9.4	3.8	10.5	13.5	40	31	291	0	0	162	11	0	41						
302 RCH FORSTL ENG SYS	3	0.7	6.5	0.1	0.9	3	0	16	0	0	16	0	0	1						
303 PCOB TUMBER PRODUCT	13	3.6	2.2	1.7	3.5	0	0	48	0	0	3	0	20	0						
304 IMP BLD RFP FST & VEG	165	55.3	51.5	52.4	42.5	676	65	0	48	0	839	4	144	166						
305 RCHT RCHT FST & VEG	23	4.9	1.2	4.9	1.0	93	0	0	0	0	93	0	0	16						
306 RCHT RCHT FST & VEG	16	2.2	0.7	2.6	0.7	43	0	0	0	0	43	0	0	14						
307 RCHT RCHT FST & VEG	459	196.5	182.9	206.4	181.3	1598	415	0	109	0	2726	358	604	1154						
308 RCHT RCHT FST & VEG	34	8.4	19.2	7.1	5.1	94	44	0	0	0	148	15	21	64						
309 RCHT RCHT FST & VEG	64	17.0	8.5	69.2	13.3	145	20	0	2	0	149	65	16	84						
310 ANIMAL REPRODUCTION	135	47.8	67.3	69.2	45.7	795	277	0	231	0	1199	122	123	317						
311 IMP BLD RFP ANML PR	407	153.2	177.6	273.4	253.0	2561	812	4	134	0	3511	666	830	1214						
312 ENV STRESS IN ANML	55	10.1	15.4	20.4	22.1	324	73	0	0	0	397	45	11	124						
313 RCHT RCHT FST & VEG	100	19.8	21.0	15.7	40.0	226	116	0	2	0	347	65	19	177						
314 DEPS RCHT POLIMTHG I	10	4.7	2.1	0.3	1.5	7	0	0	0	0	7	0	0	1						
315 RCHT RCHT FST & VEG	47	13.4	10.4	11.3	35.3	147	2	0	0	0	150	107	6	64						
316 FARM HOUSEHOLD RCHT	51	14.1	14.0	6.5	14.4	167	1	0	2	0	350	14	25	45						
317 RCHT RCHT FST & VEG	23	3.5	4.1	1.6	2.9	59	9	0	14	0	76	7	20	16						
318 NON-CON BLD TECH/BI	292	113.6	173.3	81.3	68.1	912	92	0	0	0	990	25	3638	544						
SUBTOTAL	1945	602.1	771.4	754.7	754.2	6513	1946	493	743	0	11605	1731	6110	4208						
SERIES 400																				
401 NEW IMP FOOD/PRD PROD	33	26.9	6.5	6.1	11.0	92	0	167	0	0	259	64	14	76						
402 PROD P & V IMP ACCE	40	9.2	7.1	0.9	3.4	119	7	0	0	0	125	2	0	44						
403 NEW & IMP FST PROD	37	9.2	7.0	6.1	11.2	246	56	0	0	0	301	10	0	28						
404 MGT ACCT FST & VEG	27	5.3	8.5	1.6	1.6	119	60	0	18	0	197	9	0	0						
405 PROD FLD CROP IMP A	74	21.1	21.7	19.0	18.3	281	57	0	0	0	316	44	52	74						
406 NEW IMP FOOD FLD CF	49	21.1	36.6	21.1	12.6	386	09	0	51	0	526	60	202	70						
407 NEW IMP NON-FOOD FC	19	6.1	8.1	4.1	3.0	30	25	0	0	0	60	0	22	20						
408 MGT QUAL YIELD CROP	45	11.3	8.8	7.9	6.8	215	17	0	0	0	232	52	28	42						
409 PROD ANML IN IMP AC	61	15.1	12.2	13.2	19.0	547	60	0	65	0	673	22	69	78						
410 IMP MEAT MILK EGG F	107	33.4	38.5	30.6	23.3	777	58	0	0	0	646	43	127	170						
411 IMP NON-FOOD ANML P	4	0.2	0.4	0.3	0.2	4	0	0	0	0	4	0	0	1						
412 MGT QUAL ANIMAL PRO	46	10.5	10.8	7.8	7.5	264	12	0	0	0	297	6	13	35						
SUBTOTAL	556	165.4	174.1	131.0	114.9	3091	466	167	134	0	3847	443	598	613						
SERIES 500																				
501 IMP GRACES & STANDS	16	2.6	4.4	1.1	1.4	66	7	0	0	0	74	0	0	10						
502 MGT TIME/PRD PRODUCT	5	1.0	3.0	0.4	1.3	8	0	11	0	0	18	8	0	2						
503 MGT EFF AGRI PRODS	74	17.0	28.1	5.6	17.5	466	149	0	11	0	629	80	127	40						
504 SPIL DEMAND AND PRD	40	9.3	10.2	3.7	11.3	222	22	0	0	4	218	78	40	34						
505 COMP RBL IN AGRIC	17	2.0	2.1	0.0	1.1	59	24	0	17	0	99	0	17	5						
506 COMESTIC MGT DEVELOP	10	0.9	0.9	0.5	1.0	33	0	0	0	0	33	0	0	2						
509 PERFORMANCE MGT SY	43	13.6	15.8	3.4	11.4	274	149	1	25	0	449	64	105	35						
510 RESOUR ACT MGT POWER	10	1.7	3.3	0.2	3.0	54	50	0	8	0	112	6	3	1						
511 IMP AGRIC STATISTIC	16	4.1	3.0	1.3	2.3	68	2	0	0	0	71	232	56	13						
512 IMP GRACES PRST PRO	5	0.4	0.4	1.0	0.0	0	2	0	0	0	5	22	0	0						
513 PRICZ ANML PRST PRO	3	0.4	0.5	0.7	0.3	0	0	15	0	0	15	0	0	1						
SUBTOTAL	239	52.6	68.5	18.4	53.5	1252	406	29	63	4	1754	493	347	149						
SERIES 600																				
601 PCM MGT DEVELOP	30	5.2	5.2	2.1	6.1	108	88	0	0	1	197	21	4	16						
602 EVAL FGN PCDD AID P	2	0.2	0.2	0.0	0.1	10	0	0	0	0	10	0	0	0						
603 TECH AID FGN CSTRY	19	10.2	25.0	2.0	10.3	5	0	0	2	3	18	416	0	0						

CLASSIFICATION CATEGORY	NO OF FBOJ	SYS	STAFF SUPPORT YEARS				MCTN STAY	SP GT	JTH CSRS	TOT CSRS	USDA CGCA	OTHER FED	STATE APPRO	PEOP SALES	INDUS -TAY	CI -R
			PROF	TECH	OTHER	HATH RRP										
USING	20	3.0	2.1	0.1	0.7	32	11	0	0	10	53	2	0	110	2	6
FAM DEC MAY	52	10.6	14.4	2.4	3.7	129	131	0	0	3	233	1	2	544	15	14
VERITY	6	0.5	1.0	0.4	0.9	22	3	0	0	0	22	0	2	16	4	2
ENT RYHL PE	22	7.7	6.4	1.1	6.4	153	5	0	0	64	223	2	6	220	5	0
AT RURAL PE	43	10.9	15.4	2.3	8.7	92	10	0	1	4	107	1	39	789	11	103
NT TO CHANG	64	16.9	18.6	3.2	11.3	166	161	0	0	42	349	0	173	715	6	20
ONOMIC CHAN	47	12.4	17.3	1.5	7.9	241	52	0	32	0	326	33	55	535	6	19
GRAMS	19	2.4	4.3	3.0	4.2	37	26	0	0	0	63	32	26	133	0	10
TOTAL	273	64.4	80.0	14.0	43.7	851	368	0	33	123	1176	71	302	3069	29	182
LLUTION	192	51.8	76.7	49.7	43.4	600	382	20	90	0	1092	177	957	2425	121	593
RECREATION	49	12.0	11.3	7.1	6.0	94	67	53	0	14	228	12	119	465	3	22
E-FOREST PD	15	2.3	2.0	1.6	1.6	4	5	35	0	0	44	1	4	90	2	3
ND FISH ECO	103	22.0	40.2	16.4	11.1	165	0	23	0	0	198	10	416	1124	25	257
AUTIPICATIC	31	6.8	2.7	0.5	3.1	25	5	31	0	0	60	0	12	596	12	20
6 TURF DRV	114	30.1	26.4	38.2	17.3	474	12	0	19	0	535	28	1	2133	43	212
COME IMP	44	9.3	11.1	2.6	5.0	146	13	0	23	44	227	30	26	355	9	1
STIOUT IMP	90	23.5	23.3	4.5	13.9	340	122	11	70	195	648	7	55	860	14	71
IED	14	38.2	13.3	2.7	45.3	518	75	11	0	65	672	211	321	1266	1373	417
TOTAL	653	206.0	207.0	131.3	147.9	2365	684	153	203	228	3663	476	1921	9335	1302	1597
Y CP MAN	5740		1976.9		1514.6		5774		2015		32432		15224		17628	
D TOTAL		1766.2		1565.4		22478		1743		422		4592		89523		11667

CLASSIFICATION CATEGORY	N. OF SPEC	STAFF SUPPORT YEARS				NCHA SP OTH TOT USDA OTHER STATE 1900 IN										1977
		1971	1972	1973	1974	HATH	REF	1975	OT	CSRS	CSRS	CGCA	FED	APPO	SALES	
SERIES 400																
401 BUREAU OF LAND	6	2.9	3.1	3.1	3.0	6	0	0	0	0	6	0	0	40	6	6
402 INTER & EXCHG BUREAU	38	5.1	5.1	3.5	3.0	57	44	0	15	0	116	0	28	196	6	6
403 BUREAU OF REVENUE	7	1.2	0.6	3.1	1.3	15	6	0	15	0	37	0	0	32	2	2
404 ECON. PLANT BUREAU	17	2.9	4.5	6.4	2.5	9	43	0	0	46	102	0	22	131	1	1
405 COMMUNICAT. BUREAU	18	4.7	1.8	1.2	2.1	55	13	0	0	2	71	0	0	103	7	7
406 ACCUMULAT. BUREAU	34	9.5	6.0	1.1	3.4	66	66	0	15	3	174	0	0	238	10	10
407 BUREAU OF ECONOMIC CHAN.	25	6.0	6.3	2.5	4.5	84	48	0	0	0	52	4	24	208	16	16
408 BUREAU OF ECONOMIC CHAN.	7	1.6	2.6	0.3	1.3	37	0	0	0	0	37	1	0	52	3	3
SUBTOTAL	164	32.6	29.0	54.2	24.4	312	226	0	45	52	635	6	74	1096	53	53
SERIES 500																
501 ALDER COLLECTION	165	50.5	105.7	52.3	47.9	325	329	19	31	0	708	154	1730	2994	105	50
502 OUTDOOR RECREATION	50	14.1	16.4	2.4	6.9	41	87	104	0	0	232	34	126	515	12	12
503 RECREATION & FOREST ED	15	1.5	1.4	0.5	1.0	8	1	17	0	0	26	15	5	74	2	2
504 WILDLIFE AND FISH BUREAU	153	36.8	85.5	42.3	75.6	125	0	52	0	0	225	132	407	2240	114	114
505 TREES & BOTTLEPLANT	15	11.9	11.0	7.3	6.9	21	39	22	0	0	77	33	55	684	6	6
506 CAMPMENT & TREE DEV.	127	15.8	33.2	23.4	35.4	207	7	0	0	0	214	23	16	2415	102	2
507 FOREST INCOME IMP.	15	9.0	9.6	1.0	4.3	42	34	0	15	22	163	0	1	279	11	11
508 FOREST INCOME IMP.	53	11.1	14.3	3.4	5.4	250	21	0	15	25	315	3	76	102	9	9
509 UNCLASSIFIED	9	6.7	1.5	6.1	4.7	11	0	0	0	0	11	32	2	540	6	6
SUBTOTAL	643	155.3	278.5	129.7	192.0	1030	520	254	46	101	1972	425	2558	10051	360	12
SCIENCE IN RES. OF FAN																
GRAND TOTAL	4655	1643.3	1711.1	1242.5	1541.1	5959	1627	1085	18674	171	25526	3456	87131	8208	77	77

CLASSIFICATION CATEGORY	50 CP PROD	STAFF			MCM	SF	OTH	TOT	USDA	OTHER	STATE	PROD	INCL
		EXP	SUPPLY	TECH									
			PROG	TECH	CHIEF	MAN	STEN	CL	CSRS	CCCA	REC	APPRO	SALES
SOIL AND LAND	1005	350.4	191.5	295.8	277.6	3598	1171	236	228	65	5289	674	3626
WATER	682	106.1	196.5	208.1	184.5	1537	717	82	15	4	2326	251	2924
WATERFEDS CIVIL GAS	122	10.8	34.5	11.0	21.3	191	125	124	0	5	449	105	524
AIR AND ATMOSP	135	825.5	50.0	35.6	42.6	265	157	51	0	0	533	172	1517
PEAK-TO-PEAK PRODUCTION	161	42.9	44.0	17.7	23.5	269	325	276	0	14	884	55	267
CHARGE POINT PRODUCTION	006	134.6	219.2	298.2	231.1	1094	564	475	51	1	6466	1311	2162
RANGE	239	60.9	52.0	52.1	49.5	489	51	134	9	0	555	57	1615
WILDLIFE AND FISH	519	165.1	202.6	151.3	175.3	1075	236	356	0	0	1677	208	2362
CITRUS AND TROP FRUIT	200	121.1	70.6	102.7	139.9	798	92	0	9	0	890	195	666
FRUIT AND VEGETABLES	992	357.2	222.4	350.4	352.5	3880	1064	423	123	0	5029	261	556
POTATOES	112	36.1	62.7	94.6	68.5	945	476	0	128	0	1546	51	141
VEGETABLES	1257	912.3	275.6	161.9	663.4	4786	820	4	274	0	5884	497	515
EXPERIMENTAL CROP	576	207.7	121.4	159.3	193.9	2101	264	3	27	8	2504	76	1134
CORN	766	171.4	172.0	167.9	173.5	2352	556	1	47	0	2957	297	546
GRAIN BUSHES	290	52.4	43.4	53.6	52.3	448	131	0	9	0	626	63	132
RICE	101	16.2	20.6	21.8	25.9	234	11	0	2	0	219	15	239
WHEAT	497	140.0	113.4	164.0	109.9	1657	384	3	167	1	2719	234	473
COTTON	174	71.5	53.9	73.7	71.1	1013	133	0	7	0	1154	44	177
TOBACCO	170	37.7	10.0	18.6	26.2	304	48	0	15	0	367	155	45
TOBACCO CROPS	816	241.0	159.3	241.4	206.7	2677	865	6	352	0	3554	164	515
COTTON	100	131.4	98.4	95.1	126.5	1295	575	0	299	2	2162	356	63
COTTONSEED	14	1.1	2.6	4.3	1.9	39	10	0	22	0	73	0	95
SOLANACEAE	740	280.3	171.8	189.2	171.5	2495	797	5	511	0	3705	363	523
OTHER COTTON CROPS	140	91.7	19.7	56.6	46.5	438	29	0	32	0	499	72	32
TOBACCO	81	14.7	16.2	9.4	19.7	106	25	0	21	14	165	31	56
SUGAR CROPS	170	57.1	24.1	29.6	125.7	634	52	0	14	0	834	41	4392
SUGAR BEET CROPS	311	27.1	16.3	23.4	59.1	193	137	0	2	0	658	26	56
COFFEE	715	294.7	185.8	184.6	269.1	4343	1463	0	13	0	5565	243	1326
HELP CATTLE	1157	106.7	111.6	547.6	566.7	5672	2654	7	431	4	8764	147	1793
DAILY CATTLE	1021	150.4	291.7	380.0	466.8	5677	1532	5	48	1	7646	477	26716
SWINE	521	129.9	126.9	202.1	255.2	2739	578	0	225	0	3543	471	624
SHEEP AND GOAT	391	74.0	53.5	66.7	75.6	1126	396	2	5	0	1529	116	257
OTHER ANIMALS	167	102.7	69.5	129.4	72.7	1083	104	0	16	0	1295	97	1479
BEEHIVES AND HONEY	93	17.0	11.4	5.5	9.4	119	32	0	0	0	211	34	19
PAKED FOOD & FEEDS	90	24.1	15.6	11.8	13.6	36	60	0	0	0	166	42	136
FOODS & FEEDS	63	12.9	12.7	3.5	7.7	223	94	0	0	0	117	18	11
FOOD	440	180.0	169.9	116.5	92.3	2052	968	0	142	0	3232	231	1874
HOUSING & EQUIP	197	55.4	30.6	41.8	46.6	516	174	25	51	13	677	251	1234
HOUSEHOLD APPLIANCES	631	171.7	103.8	101.3	119.6	2021	766	5	2542	13	3216	137	2638
FAMILY MEMBERS	171	40.8	35.2	9.9	26.1	545	112	0	15	32	904	7	79
FAIR & REPAIRS	313	50.6	14.1	18.6	50.5	1153	54	0	2	0	1209	112	57
SOCIAL & HUMANITARIAN	416	120.1	121.9	25.9	81.0	1931	596	17	2466	11	3815	77	460
AGRIC ECONOMIC FORN	916	11.1	15.6	11.4	25.7	437	183	1	32	0	572	97	158
AGRIC ECONOMIC FORN	28	10.9	12.2	6.6	9.1	96	0	0	0	0	86	463	0
FARM COOPERATIVES	60	6.6	6.0	1.9	7.4	177	52	0	0	0	224	24	42
OTH MARKET PRODS	41	0.5	5.0	5.2	6.8	143	28	1	0	0	171	6	63
MARKETING SYSTEMS	100	25.7	19.5	6.1	20.4	446	290	1	48	0	785	124	72
WEDS	67	10.5	11.5	10.3	6.0	167	18	0	4	0	169	15	74
SPEED DESEARCH	26	2.6	6.2	12.4	9.6	72	17	0	0	0	89	5	30
OTH CELL SYSTEMS	206	12.3	110.6	59.3	40.5	665	21	0	0	0	686	11	3059
EXP DESIGN/STAT METH	65	25.4	18.0	13.9	19.4	162	7	0	0	0	164	115	92
TOBACCO/VEGETABLES	245	105.7	121.1	83.0	61.4	706	65	0	38	0	610	63	2035
MICROORGANISMS, VIRUS	221	12.2	71.9	88.7	42.1	615	79	0	26	0	719	41	2671
PLANTS	509	216.2	201.5	159.4	175.9	2949	652	2	466	0	3209	198	2755
ANIMALS (VEGETARIAN)	284	112.4	106.6	127.7	103.5	818	195	2	42	0	1057	75	1910
RESEARCH ON PROD PROD	27	10.8	4.1	4.1	2.4	42	149	1	0	0	207	117	65
ESCH EQUIP & TECHNI	95	26.4	16.5	21.0	22.2	432	51	43	0	0	232	54	921
UNCLASSIFIED	93	111.3	10.1	0.7	53.2	775	175	43	0	65	1055	503	684

20121 5434.6 6175.6 21642 4562 105944 51432 36675 20121

6566.7 6049.2 72435 6142 161 11739 334167 31816

CATION REGISTRY	NO OF PELJ	STAFF										USDA CCCA	OTHER FEL	STATE AFFG	FED SALES	INDUS -TOY	OTH -PFI
		YRS	PROJ	TECH	OTHER	MATH	EFF	SPER	GT	CSRS	OTR						
S POOL	134	54.3	49.6	39.2	29.7	884	688	0	585	0	1677	16	650	2349	53	209	49
FROM FOX	187	57.9	58.9	52.7	32.8	785	350	0	22	0	1156	15	1000	2251	121	269	99
UMP HABITS	145	11.5	24.2	22.6	58.7	433	245	1	50	0	729	21	111	695	67	71	25
FOOD SERV	51	10.1	18.7	4.8	9.1	169	102	0	52	0	322	6	54	342	18	13	1
CLOTH & IE	57	16.9	11.4	2.7	7.0	154	89	0	0	0	265	14	11	451	3	4	4
ECTS AFF H	105	43.6	40.0	21.8	25.1	154	64	0	34	0	452	26	373	1976	17	247	197
ICAL MAK DI	2	6.5	7.6	5.6	2.2	35	6	0	9	0	51	16	303	230	2	15	3
ERTION	315	65.1	139.3	100.7	62.7	1126	506	0	377	0	1959	93	2637	1534	184	291	274
2 HLTH & S	57	11.0	11.7	9.7	5.7	105	50	12	3	0	167	7	21	511	13	75	19
TOTAL	1876	329.3	358.1	259.6	134.3	3697	2109	12	981	0	6759	221	5462	12535	468	1197	620
USING	46	11.1	5.6	5.8	12.1	86	116	0	0	13	215	3	76	354	9	12	4
AM DEC MAK	139	26.8	26.6	7.8	12.6	435	197	0	15	6	625	4	37	1355	43	47	6
ERTY	30	7.5	5.3	1.3	9.4	126	21	0	15	28	553	0	20	175	9	4	5
ENT BURL PE	86	24.7	18.9	6.8	21.0	323	97	0	0	167	637	41	154	565	9	9	59
ET BURL PE	117	27.1	22.4	6.7	16.6	280	24	0	0	7	310	2	139	1613	86	105	132
TO CHANG	157	43.6	32.6	12.4	18.2	569	261	0	15	45	904	7	206	1366	28	34	111
ECONOMIC CHAN	110	11.3	20.6	10.0	23.2	426	137	0	32	0	565	60	112	1145	26	37	67
GRAMS	35	6.5	7.0	3.7	9.1	145	26	0	0	0	175	33	26	268	3	13	0
TOTAL	718	177.6	147.6	54.0	114.3	2184	850	0	772	88	3630	150	773	6625	212	326	443
OLUTION	660	226.4	274.7	223.4	117.5	2285	1349	84	239	0	3941	377	3814	5864	447	1620	508
RECREATION	191	19.4	40.2	16.3	21.3	264	319	227	0	14	523	54	287	1167	40	39	180
-FOREST PG	62	13.5	12.4	11.3	8.6	17	6	200	0	0	224	71	6	395	10	24	83
ND FISH FCO	452	141.0	180.1	132.4	166.3	884	212	124	0	0	1420	162	2012	6124	362	1473	1258
UTIPICATIO	91	23.0	16.1	16.2	12.2	155	34	61	0	0	350	11	63	1194	19	50	97
& TUSE OBY	561	200.6	116.4	191.2	109.4	2061	1262	1	27	4	2159	74	51	10784	352	910	114
CONS IMP	165	93.6	39.0	9.4	26.6	617	165	0	11262	1	1155	36	70	1082	29	74	42
STITUT IMP	244	77.2	75.0	21.2	51.1	1317	422	12	156358	2267	48	295	2186	100	165	111	11
IPD	41	11.0	18.1	8.7	31.2	775	175	0	65	1053	500	644	5051	1935	668	328	58
TOTAL	2857	679.3	772.3	630.7	319.3	8374	2585	553	536707	13551	1348	7124	34250	1233	5055	5426	11
Y OF MAN	19495	5494.6	6049.2	6375.6	21642	6142	152				105944	31033	18675		20443		
0 TOTAL		6556.7	6049.2		72436	6142	152				11739	33168			11819		

CLASSIFICATION
NATL OFF

NO OF SPEC	SPEC	SPEC	STAFF SUPPORT YEARS				MCH SE OTH TOT USDA OTHER STATE PROJ IN									
			FEET	TECH	TRNG	HAIR	98F	STEN	GT	CSFS	CPRS	CUCA	FED	APIFO	SALES	INT
3100	SOIL AND LAND	43	14.3	9.5	7.0	5.7	0	0	142	0	0	142	6	645	456	0
3200	WATER	20	0.2	5.5	5.2	4.1	0	0	40	0	0	40	7	329	260	9
3300	WATERSHEDS RIVER BAS	14	2.9	4.6	2.3	1.5	0	0	20	0	0	24	47	12	90	0
3400	AIR AND CLIMATE	2	1.1	0.6	0.4	0.4	0	0	24	0	0	24	2	0	27	0
4500	RECREATION RECREATION	11	4.3	3.9	3.6	1.4	0	0	196	0	0	196	14	51	111	0
4600	DIAMETER POST PRODUCE	349	125.5	112.0	64.7	53.6	0	0	1500	0	0	1500	507	2022	4386	155
4700	RANGE	41	2.6	5.3	0.0	3.6	0	0	25	0	0	25	51	16	80	0
4800	WILDLIFE AND FISH	54	18.4	23.7	24.5	3.2	0	0	136	0	0	136	66	548	516	11
4900	ENVIRONMENTAL THRE	1	0.2	0.0	0.0	0.0	0	0	3	0	0	3	0	0	4	0
5000	FOREST CITIES	1	0.2	0.0	0.0	1.2	0	0	0	0	0	0	3	0	7	0
5100	ENTREPRENEUR	1	0.4	2.1	0.0	0.0	0	0	0	16	0	16	0	0	19	0
5200	FOODS	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0
5300	GREEN CATTLE	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0
5400	SWINE	1	0.0	0.0	0.0	0.0	0	0	0	38	0	38	0	0	0	0
5500	EQUINE & EQUIP	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0
5600	POULTRY AS INDIVIDUAL	3	0.5	0.0	0.6	0.5	0	0	7	0	0	7	1	0	31	0
5700	SOIL FERTILIZER	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	2	0
5800	AGRIC ECONOMY FARM	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0
5900	NO CELL SYSTEMS	1	0.2	0.1	0.0	0.0	0	0	0	0	0	0	0	0	0	0
6000	RAF DESIGN/STAT METH	4	2.0	1.0	0.0	0.0	0	0	0	0	0	0	0	116	0	0
6100	INSECTICIDES	1	1.0	0.0	0.2	0.0	0	0	0	0	0	0	0	0	0	0
6200	MICROORGANISMS, VIRUS	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0
6300	PLANTS	4	2.0	0.1	0.0	0.0	0	0	1	0	0	1	0	33	17	0
7000	ARCH EQUIP & TECHNOL	4	0.6	0.0	0.0	0.0	0	0	20	0	0	20	0	0	22	0
9500	UNCLASSIFIED	6	16.5	12.0	5.7	1.4	0	0	0	0	0	0	107	70	673	0
TOTAL		649	206.4	190.1	115.1	74.4	0	0	2033	56	0	2089	615	3059	3011	91

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF	SUPPORT YEARS	TECH	OTHER	DATA	REF	STEN	GT	CSRS	CSRS	CGCA	PED	APPRO	SALES	INCR
AND LAND	27	0.3	1.6	6.5	5.5	0	0	0	596	0	596	0	2	0	0	0
RR	15	7.8	9.5	6.6	1.3	0	0	0	139	0	339	0	0	0	0	0
RESOURCES RIVER BAS	1	1.5	2.1	5.3	0.0	0	0	0	62	0	62	0	0	0	0	0
AND CLIMATE	1	0.6	0.0	0.6	0.0	0	0	0	40	0	40	0	0	0	0	0
REATION RESOURCES	1	1.0	0.0	1.0	0.0	0	0	0	41	0	41	0	0	0	0	0
RES POST PRODUCT	3	0.6	0.1	1.6	6.7	0	0	0	23	0	29	0	24	0	0	0
OLIVE AND FISH	10	4.1	1.6	3.2	3.4	0	0	0	320	0	320	0	18	0	0	0
US SUR TAIL PSUT	2	0.1	0.0	0.1	0.5	0	0	0	9	0	9	0	0	0	0	0
IT MUGS PECILGUS	7	2.4	0.4	2.6	3.9	0	0	0	195	0	195	0	0	0	0	0
ETABERS	26	9.3	1.0	6.4	6.1	0	0	0	509	0	509	0	0	0	0	0
MENTALS TURE	1	0.4	0.0	0.0	0.6	0	0	0	42	0	42	0	0	0	0	0
Y	1	0.2	0.0	0.1	1.0	0	0	0	1	0	1	0	0	0	0	0
Y SCORHUM	1	0.0	0.0	0.0	0.0	0	0	0	3	0	3	0	0	0	0	0
AT	1	0.6	0.0	0.0	0.5	0	0	0	31	0	31	0	0	0	0	0
FE SMALL GRAINE	17	6.1	0.0	5.4	7.5	0	0	0	696	0	696	0	0	0	0	0
UPE	1	0.1	0.0	0.0	0.0	0	0	0	4	0	4	0	0	0	0	0
AGE CROPS	6	0.7	0.0	0.6	0.3	0	0	0	171	0	121	0	4	0	0	0
COM	5	6.0	9.0	10.1	3.0	0	0	0	236	0	236	0	0	0	0	0
CONSEED	1	0.0	0.0	0.1	0.1	0	0	0	1	0	1	0	0	0	0	0
SEANS	29	9.2	2.6	3.5	5.0	0	0	0	510	0	536	5	203	0	0	0
UTS	0	4.6	1.1	2.1	1.6	0	0	0	241	0	241	0	0	0	0	0
PR OILSEED CROPS	1	0.0	0.0	0.0	0.0	0	0	0	4	0	4	0	0	0	0	0
CCO	2	0.2	0.6	0.6	0.0	0	0	0	33	0	33	0	0	0	0	0
NEW CROPS	1	0.2	0.0	0.0	0.5	0	0	0	6	0	6	0	0	0	0	0
LEY	17	5.0	0.0	2.4	6.6	0	0	0	432	0	432	1	6	0	0	0
Y CATTLE	25	6.1	0.9	5.8	9.4	0	0	0	717	0	717	0	0	7	0	0
Y CATTLE	11	2.0	0.5	4.0	1.3	0	0	0	127	0	127	0	0	0	0	0
SE	23	6.6	1.1	4.3	6.6	0	0	0	346	0	346	1	18	0	0	0
PP AND WOOL	4	1.1	0.4	1.1	0.3	0	0	0	51	0	51	0	0	0	0	0
FE ANIMALS	11	3.3	1.5	2.6	3.5	0	0	0	188	0	188	0	0	0	0	0
Y SUPP & FACILITS	5	3.6	0.2	2.6	1.1	0	0	0	284	0	284	0	0	0	0	0
CHING & TEXTILES	4	0.9	0.6	1.3	0.6	0	0	0	64	0	64	0	0	0	0	0
IA	50	15.5	8.4	16.0	11.5	0	0	0	676	0	676	0	0	0	0	0
ING & EQUIP	7	3.1	2.0	1.0	2.1	0	0	0	153	0	153	0	0	0	0	0
PLE AS INDIVIDUAL	92	23.5	6.7	20.7	26.9	0	0	0	1714	0	1714	2	15	0	0	0
ILY MEMBERS	16	7.6	7.2	3.4	9.6	0	0	0	590	0	560	3	25	0	0	0
AS BUSINESS	7	2.2	0.3	1.0	3.4	0	0	0	121	0	121	1	6	0	0	0
OLIT OFGANIZ	21	2.7	0.4	3.8	6.1	0	0	0	356	0	356	0	2	0	0	0
U ECONOMI D S	1	0.1	0.0	0.0	0.4	0	0	0	17	0	17	0	0	0	0	0
COOPERATIVES	5	0.5	2.0	0.0	1.0	0	0	0	125	0	125	0	0	0	0	0
ETING SYSTEMS	2	0.8	0.3	1.5	0.5	0	0	0	90	0	96	0	0	0	0	0
IS	7	1.5	0.0	0.1	0.2	0	0	0	26	0	26	0	0	0	0	0
CELL SYSTEMS	1	0.3	0.0	0.0	0.4	0	0	0	13	0	13	0	0	0	0	0
IRIEPATIS	1	0.0	0.0	0.2	1.6	0	0	0	10	0	13	0	0	0	0	0
MOORGANISMS, VIRUS	1	0.2	0.0	0.0	0.0	0	0	0	14	0	14	0	0	0	0	0
TS	6	2.3	1.5	0.3	1.2	0	0	0	129	0	129	0	3	0	0	0
IALS (VERTEBRATES)	2	0.3	0.0	0.4	1.8	0	0	0	24	0	24	0	0	0	0	0
	536	153.1	61.2	131.5	149.4	0	0	0	10817	0	10817	14	327	7	0	0

WEST OF COLOM	WASHINGTON	1	9.6	1.3	0.1	0.2	529	235	51	0	3	765	16	38	690	275	96
DELAWARE	DELAWARE	12	22.4	29.2	6.6	20.6	529	235	51	62	0	14.11	25	117	1212	45	122
MASSACHUSETTS	MASSACHUSETTS	54	17.4	74.6	39.2	31.4	293	347	117	62	0	15.05	6	3386	347	21	
MARYLAND	COLLEGE PA	191	72.6	27.6	64.0	31.4	1933	342	58	47	15	15.05	6	3386	347	21	
MARYLAND	GEORGE	127	63.1	42.2	21.5	35.8	741	254	231	34	0	12.41	69	244	1520	300	453
MAINE	MAINE	61	27.7	37.7	6.7	15.4	592	206	224	25	5	10.52	0	3	636	61	44
MAINE - WARESHIRE	DURHAM	217	104.9	162.0	84.8	64.6	364	559	15	103	29	16.53	112	768	4277	40	934
NEW JERSEY	NEW BRUNSW	515	245.5	265.2	295.7	220.9	1910	550	62	131	25	26.79	267	4380	9223	1779	972
NEW JERSEY	NEW YORK	145	69.2	42.9	58.6	27.6	212	279	3	166	0	6.17	27	125	2967	89	236
NEW YORK	GENEVA	226	137.1	6.1	285.9	119.6	2559	640	207	31	62	35.42	244	314	5248	0	884
PENNSYLVANIA	COLLEGE PA	7	39.5	43.1	12.2	21.9	478	297	42	0	7	7.14	43	435	756	61	31
WOOD ISLAND	BOULINGTON	46	27.8	14.5	22.2	6.1	611	176	3	63	17	23.9	19	75	73	0	118
REMYONT	BOULINGTON	85	39.5	27.7	24.2	31.2	1235	295	168	0	20	17.06	29	114	1189	288	60
WEST VIRGINIA	MORGANTOWN																
SUBTOTAL - SALES		2221	460.6	762.0	994.8	651.7	12517	4384	1349	730	195	19210	691	6943	35769	3285	1899
DELAWARE STATE COL	UNIVERS	1	2.1	3.3	3.5	0.0	0	0	314	0	314	0	0	0	0	0	0
MAINE STATE COL	SPRINGERS A	44	3.7	2.0	1.9	2.1	0	0	474	0	474	19	134	0	0	0	0
NEW YORK	UNIVERS	1	3.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0
PENNSYLVANIA	UNIVERSITY	1	0.0	0.0	0.0	0.0	0	0	0	47	0	47	0	0	7	0	0
SUBTOTAL - COL		31	5.6	5.0	5.4	2.1	0	0	835	0	835	19	134	7	0	0	0
FORESTRY SCH	SYRACUSE	56	33.7	26.6	18.0	2.2	0	0	137	0	137	116	299	756	0	185	185
FORESTRY SCH	BOULINGTON	8	3.1	3.3	4.4	0.7	0	0	110	0	110	0	0	145	1	1	1
SUBTOTAL - FORESTRY SCH		64	16.8	26.9	22.4	2.9	0	0	247	0	247	116	299	901	1	186	186
TOTAL		2319	1003.2	193.9	1012.6	655.7	12517	4384	1349	1766	195	20299	7370	36681	3286	4085	4085

SALES REGION 2 SOUTHERN REGION

(INCLUDES SALES-FORESTRY SCH-OTHER)

TABLE IV-2-7 SUMMARY BY STATION

OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF FBO	STAFF SUPPORT PROF	YEARS TECH	OTHER	NATU	EXP	STEN	OTHR	TOT	USDA	OTHER	STATE	PROD	INDUS		
		SYS												SALES	-TRY		
ALABAMA	AUGURN	217	155.7	67.4	107.1	225.3	1835	588	271	78	32	2805	219	238	5331	3031	439
KANSAS	PAFFETEVILLE	265	97.0	170.2	23.3	113.9	1544	385	213	21	0	2160	161	282	7126	0	388
LOUISIANA	GAINESVILLE	585	368.4	60.5	461.7	444.2	1195	334	257	330	0	2116	638	1164	21514	560	1660
MISSISSIPPI	ATHEENS	340	187.5	34.4	218.9	276.5	1985	579	294	69	31	2958	124	152	11164	0	451
KENTUCKY	LKINGSTON	187	101.1	94.0	94.8	79.8	2201	449	176	112	0	2538	0	33	5071	0	0
LOUISIANA	BATON ROUGE	456	209.6	0.0	0.0	0.0	1419	355	191	95	26	2066	177	230	11042	4	631
MISSISSIPPI	STATE COLLE	258	147.9	47.8	127.3	248.2	1926	448	234	110	0	2738	357	400	6787	1642	289
ORTH CAROLINA	RALPHIGH	522	203.5	406.6	162.2	224.2	2991	636	278	60	66	4032	362	1560	14556	626	1403
KALIFORNIA	STILLWATER	237	94.6	4.7	0.0	0.0	1361	318	134	102	23	1942	123	543	6245	91	209
UERTO RICO	RIO PIEDRA	137	103.4	35.3	92.9	435.2	2089	413	3	0	34	2533	32	68	4463	776	1
OUTH CAROLINA	CLEMSON	240	97.8	60.1	119.7	142.3	1595	366	0	175	29	2165	0	0	6909	0	0
KENTNESSEE	KNOXVILLE	221	101.0	58.2	25.1	156.5	2190	456	188	0	39	2875	0	19	3872	1501	159
TEXAS	COLLEGE ST	514	272.6	96.0	338.7	229.0	2572	643	100	71	38	3421	916	1103	14635	1525	2627
IRGINIA	BLACKSBURG	229	162.3	52.5	384.8	105.6	1890	416	235	78	34	2651	342	1409	6711	4	945
IRGIN ISLANDS	ST. THOMAS	8	4.5	0.0	4.0	7.0	114	40	2	0	0	156	0	0	37	0	0
SUBTOTAL - SALES		4438	2311.9	1197.7	2350.5	2745.3	326907	64252575	1321352	37560	3471	7245126971	9836	9207			
ALLA TUSKOGEE	TUSKOGEE	56	9.6	2.0	6.3	18.3	0	0	3	611	0	611	0	0	0	0	0
ALLA A&M	NOPAL	19	8.6	0.0	8.0	5.4	0	0	2	346	0	346	0	0	0	0	0
ARK A&M	PINE ELDER	26	8.3	3.0	5.0	3.5	0	0	2	628	0	628	0	0	0	0	0
FLORIDA A&M	TALLAHASSEE	13	13.5	0.0	0.0	0.0	0	0	1	492	0	492	0	0	0	0	0
UT. VALLEY COL	FORT VALLE	28	16.4	0.6	11.3	14.3	0	0	9	1017	0	1017	0	0	0	0	0
UT. STATE COL	FRANKPORT	31	10.6	0.0	15.7	6.0	0	0	0	732	0	732	0	0	0	0	0
OUTHERN UNIV	BATON ROUG	25	7.4	0.7	10.4	9.2	0	0	0	805	0	805	0	0	0	0	0
LOUISIANA A&M	LOUISIANA	17	5.1	0.0	5.8	17.3	0	0	0	364	0	364	0	0	0	0	0
UT. TECH. CO.	GREENSBORO	28	8.4	7.2	13.0	7.3	0	0	0	529	0	529	0	0	0	0	0
ARK. STATE UNIV	LANCASTON	18	11.6	14.0	21.1	2.5	0	0	0	497	0	497	0	0	0	0	0
UT. STATE COL	OSANMURGURG	18	7.8	1.7	4.7	2.9	0	0	0	275	0	275	0	0	0	0	0
UT. A&M IND	NASHVILLE	29	6.9	0.0	0.0	35.9	0	0	0	753	0	753	0	0	0	0	0
MISSISSIPPI A&M	PRATICE VI	25	3.6	4.2	0.7	1.5	0	0	0	926	0	926	0	0	0	0	0
UT. STATE COL	PETERSBURG	11	11.7	1.5	5.3	7.0	0	0	0	593	0	593	0	0	0	0	0
SUBTOTAL - COL		344	124.7	34.9	109.3	133.7	3	3	0	9460	0	9460	4	0	3	0	0
FORESTRY SCH	BOSTON	6	3.6	0.0	0.0	0.0	0	0	65	0	0	65	0	0	108	0	0
FORESTRY SCH	CLEMSON	49	12.0	9.0	10.5	6.6	0	0	215	0	0	215	25	36	349	101	0
FORESTRY SCH	NACOGDOCHE	23	6.7	2.4	5.0	1.4	0	0	115	0	0	115	1	212	198	0	0
SUBTOTAL - FORESTRY SCH		80	22.3	11.4	15.5	8.0	0	0	395	0	0	395	26	248	655	101	0

TABLE IV-E-7 SUMMARY BY STATION

OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF SUPPORT YEARS				MATH	BRI	MCM	SP	OTH	TOT	USDA	OTHER	STATE	FED
				PROJ	TECH	OTHER											
ALASKA	FAIRBANKS	21	10.3	2.3	15.4	5.3	494	76	3	0	0	0	570	0	0	1057	0
ILLINOIS	URBANA	196	154.3	217.1	73.4	156.8	2113	534	76	122	45	3033	53	1622	5349	1439	
INDIANA	LAFAYETTE	133	176.5	47.9	123.6	194.0	2065	866	141	139	0	2621	136	2717	5462	2645	
IOWA	AMES	117	116.1	197.5	51.5	165.3	2157	634	50	202113		3256	645	1127	6344	1410	
KANSAS	MANHATTAN	565	115.1	226.3	159.4	91.5	1382	406	55	66	27	1941	119	953	2746	2712	
MICHIGAN	LANSING	433	168.1	151.2	189.5	92.6	2153	472	52	223	0	2540	639	1476	5221	938	
MINNESOTA	ST PAUL	405	166.3	124.7	141.4	134.3	2045	471	153	62102		2876	244	1917	11745	0	
MISSOURI	COLUMBIA	183	116.7	202.5	55.1	157.0	2037	427	154	165	0	2823	510	756	5395	1317	
NORTH DAKOTA	FARGO	266	115.7	71.3	111.0	41.9	564	327	39	43	18	1491	234	346	5667	323	
NEBRASKA	LINCOLN	223	144.2	152.5	283.6	265.3	1263	463	67	162	26	2303	1154	724	7102	6263	
OHIO	WOOSTER	115	117.8	51.5	239.5	3.0	2544	500	162	126	62	3344	236	344	16183	0	
SOUTH DAKOTA	BROOKINGS	175	111.8	56.2	0.8	53.9	577	336	56	90	3	1454	24	226	1603	0	
WISCONSIN	MILWAUKEE	437	161.2	436.5	50.9	87.1	2059	562	213	99	28	2549	135	4533	6435	13	
SUBTOTAL - SALES		1562	1726.4	1590.1	1539.9	1079.322477	57761364	1458423		31513	457315224	8663317627					
LINCOLN UNIV	JEFFERSON	20	17.3	20.1	15.1	11.4	0	0	0	532	0	502	0	0	0	0	0
SUBTOTAL - OCE		20	17.3	20.1	15.1	11.4	0	0	0	502	0	502	0	0	0	0	0
FORESTRY SCH	FAIRBANKS	5	1.0	0.1	0.0	6.1	0	0	136	0	0	136	0	0	0	0	0
FORESTRY SCH	CARROLLDALE	43	4.3	0.0	0.0	11.6	0	0	74	38	0	112	18	0	243	0	0
FORESTRY SCH	ABB ADRIAN	17	5.3	13.9	0.0	9.0	0	0	5	18	0	113	0	0	183	0	0
FORESTRY SCH	HOUGHTON	11	13.9	2.7	19.4	5.2	0	0	54	0	0	54	0	0	496	0	0
SUBTOTAL - FORESTY SCH		115	24.5	16.7	10.4	22.9	0	0	364	56	0	419	18	0	922	0	0
TOTAL		4693	1710.2	1976.5	1565.4	1534.6	5774	1703	2015	422	32432	4592	15224	89523	17628		

SALES REGION & WESTERN REGION

(INCLUDES SALES-FORESTRY SCH-0)

TABLE IV-E-7 SUMMARY BY STATION

OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF SUPPORT YEARS				MATH	BRI	MCM	SP	OTH	TOT	USDA	OTHER	STATE	FED
				PROJ	TECH	OTHER											
ARIZONA	TUCSON	245	124.5	68.5	66.4	49.6	667	407	59	63	3	1196	289	334	6133	352	
CALIFORNIA	FORESTRY	1377	548.4	939.3	256.7	539.5	1931	656	251	226	42	3306	1293	7647	38629	344	
COLORADO	PT COLLINGS	157	160.4	119.1	255.1	115.8	872	512	0	73	14	1472	0	9618	4035	2674	
GUAM	AGANA	5	1.0	0.0	0.0	0.0	415	65	0	0	0	469	0	0	0	0	
HAWAII	HERNOLD	203	95.1	19.5	12.5	137.0	545	207	66	43	0	861	421	244	4651	17	
IDaho	MOSCOW	108	76.4	56.3	74.8	49.7	827	317	0	178	26	1347	119	207	3624	496	
MONTANA	GOZMAN	170	64.3	83.5	51.3	157.4	768	354	0	29	14	1170	167	1003	3252	1140	
NEVADA	PERO	86	34.7	32.7	22.0	19.2	486	197	33	18	6	740	86	15	1620	96	
NEW MEXICO	UNIV PARK	131	80.9	40.4	35.5	33.4	693	120	100	66	0	1075	0	30	2130	94	
OREGON	COVALLIS	110	134.4	91.2	141.1	93.7	1003	520	0	153	24	1700	65	1162	6711	1514	
UTAH	LEGAS	193	64.4	37.8	36.3	17.9	611	380	37	41	9	1125	156	2673	197		
WASHINGTON	PULLMAN	112	127.4	90.6	185.1	242.9	1145	728	135	133	24	2165	166	1134	7369	955	
WYOMING	LARAMIE	94	47.1	13.7	23.0	19.3	568	295	77	50	13	1002	21	156	1428	8	
SUBTOTAL - SALES		3127	1517.0	1594.6	1174.0	1500.310533	5061	740	1073172	17634	280122020	82824	7927				
COLORADO	BOULDER	1	0.1	1.2	0.1	0.1	0	0	0	11	0	11	0	179	0	0	0
UTAH	PROVO	1	0.2	0.0	1.6	0.1	0	0	0	0	0	0	0	24	0	0	0
SUBTOTAL - OCE		2	0.3	1.2	1.7	0.2	0	0	0	11	0	11	0	194	0	0	0
FORESTRY SCH	FLAGSTAFF	10	3.2	5.8	0.0	1.0	0	0	44	0	0	44	0	0	66	0	0
FORESTRY SCH	APCATA	8	0.6	0.1	0.7	0.0	0	0	25	0	0	25	0	0	32	0	0
FORESTRY SCH	PT COLLINS	20	3.7	8.6	0.1	6.8	0	0	152	0	0	152	2	127	26	0	0
FORESTRY SCH	MOSCOW	96	25.6	42.3	18.9	3.5	0	0	153	0	0	193	304	624	983	14	0
FORESTRY SCH	MISSOULA	16	4.5	10.7	2.6	0.6	0	0	164	0	0	163	0	0	284	5	0
FORESTRY SCH	COVALLIS	111	42.1	44.1	25.0	16.4	0	0	289	0	0	289	129	721	1589	8	0
FORESTRY SCH	SEATTLE	29	45.5	23.5	15.5	13.3	0	0	162	0	0	162	219	1840	1526	29	0
SUBTOTAL - FORESTY SCH		290	125.2	135.1	66.0	40.6	0	0	1026	0	0	1026	654	3312	4536	29	0
TOTAL		3419	1731.1	1731.1	1240.6	1501.1	5059	1927	1065	171	18674	3456	8331				

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